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ABL49702/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CC (GPCRX) polypeptide sequence and the cDNA encoding it. The GPCRX CC (GPCRX) polypeptide, GPCRX nucleic acid and an antibody specific to the protein CC are useful for treating, preventing or alleviating a GPCRX-associated CC disorder or a pathological state in a subject, particularly a human. In CC particular, the disorder is cardiomyopathy, atherosclerosis, diabetes, or CC adisorder related to cell signal processing and metabolic pathway CC modulation. The GPCRX polypeptide and nucleic acid are also useful for CC diagnosing the presence of or predisposition to a disease associated with CC altered levels of GPCRX, particularly cancer. The GPCRX nucleic acid and CC therapeutic or prophylactic applications for disease associated with CC aberrant GPCRX expression or activity, e.g. Von Hippel-Lindau syndrome, CC Parkinson's disease, stroke, tuberous sclerosis, hypercalcaemia, CC Parkinson's disease, huntington's disease, cerebral palsy, epilepsy, CC leukodystrophies, addiction, anxiety, depression, pain, obesity, Crohn's CC disease, osteoporosis, inflammatory bowel disease, infertility, CC disease, osteoporosis, ataxia-telangiectasia, CC disease, osteoporosis, ataxia-telangiectasia, CC disease, osteoporosis, ataxia-telangiectasia, CC disease, osteoporosis, ataxia-telangiectasia, CC disease, osteoporosis, ataxia-the, arthritis, human CC disease. The mucleic acids are further used as hybridisation probes, in CC disease. The mucleic acids are further used as hybridisation probes, in CC disease. The mucleic acids are further used as hybridisation probes, in CC disease applications. These are also useful in developing powerful assay system for functional analysis of various human disorders, as well as in CC disease. The present sequence represents a real time PCR primer used to quantitate expression of the human G protein coupled creation related protein (GPCR) of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                         Mouse; fat accumulation; promotion; inhibition; adipocyte; fat cantidiabetic; antilipaemic; hypotensive; antiatteriosclerotic; cantingianal; fat accumulation inhibitor; fat-associated disease; diabetes; hyperlipaemia; hypertension; arteriosclerosis; angina; coronary artery disease; myocardial infarction; PCR primer; 8s.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New isolated G protein coupled receptor polypeptides and polynucleotides, useful in gene therapy, particularly for treating or preventing cardiomyopathy, atherosclerosis, diabetes, multiple sclerosis, Crohn's
                                                                                                                                                                                                                                                                                                                             28-MAY-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                 ABL49702 standard;
                                                                             WO200210772-A1
                                                                                                                                                                                                                                                                                        Mouse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Example 2; Page 234; 252pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5321 TCCTTTTCTCTCTTTGCCTCA 5341
                                                                                                                                                                                                                                                                                    fat accumulation promoting related PCR primer SEQ ID NO:10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 Similarity
17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22 BP; 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A.
                                                                                                                                                                                                                                                                                                                                                                                                                 DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          81.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8 C; 1 G; 10 T; 0 U;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.6;
Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Α.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0,
                                                                                                                                                                                                                            cardiant;
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CC assessing the efficacy of a potential fat accumulation inhibitor or comparing the fat accumulation in adipocytes in the presence cc and absence of the test substance; (2) fat accumulation inhibitors and promoters identified by:(1); (3) DNA encoding the fat accumulation comparing the fat accumulation promoting protein; (4) adipocytes transformed by (3); (5) transgenic non-cc promoting protein; (4) adipocytes transformed by (3); (5) for assessing the efficacy of a potential fat accumulation inhibitor or promoter. Fat accumulation promoting and inhibiting proteins have antidiabetic, cardiant and antianginal cc activities. The method of the invention can be used for the identification of fat accumulation regulating agents for use in the treatment and prevention of fat-associated diseases such as diabetes, hyperlipaemia, hypertension, arteriosclarosis, coronary artery disease, cardiant and mycocardial infarction. The present sequence represents a PCR primer for a mouse fat accumulation promoting protein, which is used in the present for a mouse fat accumulation promoting protein, which is used in the present for a mouse fat accumulation promoting protein, which is used in the present sequence represents a PCR company artery disease.
  Sequence 22
                                                                                                                                                                                                                                                                                                                                                                                                                                           The present invention describes the analysis of accumulated fat con of adipocytes comprising: (a) contacting the adipocytes with a fat accumulation promoting protein having a molecular weight above 6 kg (b) assaying the fat content of the adipocytes. Also described is:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Example 12; Page 66; 71pp; Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Analysis of accumulated fat content of adipocytes for screening c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        comprises using a fat accumulation promoting protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WPI;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          inhibitors and promoters
BP; 8 A; 7 C; 3 G; 4 T; 0 U;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Akiyoshi M,
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  0 Other;
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and

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RESULT 3429
                                                                  Matches
                                                                            Best Local Similarity
                                               4646 TGGAATTTCCTCTTTGAGGAG 4666
                             21
                                                                  Conservative
                                                                           0.2%;
                                                                  0; Mismatches
                                                                           Score 14.6; DB 1
Pred. No. 2.4e+03
                                                                  4.
                                                                  Indels
                                                                  0
                                                                  Gaps
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Query Match

DB 1;

Length

0

ABQ88555 ABQ88555 standard; DNA; ABQ88555; (first entry) PCR primer 22 ΒP SEQ ID NO: 267.

Human; G protein coupled receptor; GPCR; GPCRX; neuroprotective; nootropic; anti-HIV; antiasthmatic; antiarteriosclerotic; cytostatic; immunomodulator; antiinflammatory; antidiabetic; anorectic; haemostatic; antibacterial; fungicide; protozoal; virucide; nephrotropic; osteopathic; cardiant; antiulcer; antiallergic; hepatotropic; antiparkinsonian; HIV; vaccine; gene therapy; cell signal processing; cardiomyopathy; diabetes; metabolic pathway modulation; atherosclerosis; cancer; obesity; asthma; infection; Parkinson's disease; osteoporosis; Cran's disease; ulcer; allergy; cirrhosis; glomerulonephritis; stroke; haematopoietic disorder; systemic lupus erythematosus; PCR primer; ss.

Homo sapiens.

Synthetic

WO200250276-A2

16-JUL-2001; 2001WO-JP006132.

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RESULT 3430
ABL55009/c
ID ABL5500
XX
AC ABL5500
XX
AC ABL5500
XX
DT 08-OCT-
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                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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12-JAN-2001;
24-JAN-2001;
08-FEB-2001;
08-FEB-2001;
12-FEB-2001;
14-MAR-2001;
18-APR-2001;
23-APR-2001;
23-APR-2001;
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21-DEC-2000;
04-JAN-2001;
                                                                                                                                                                                                                                                                                                                                                                                antibacterial, fungicide, protozoal, virucide, nephrotropic, ostetopathic, cardiant, antiulcer, antiallergic, hepatotropic and antiparkinsonian activities, and can be used in vaccines and gene therapy. GPCR proteins, nucleic acid molecules, and antibodies from the present invention can be used for manufacturing a medicament for treating or preventing a GPCR-associated disorder or syndrome related to cell signal processing and metabolic pathway modulation, such as cardiomyopathy, atherosclerosis, diabetes, cancer, obesity, infections (bacterial, fungal, protozoal or viral), HIV, asthma, Parkinson's disease, osteoporosis, crohn's disease, ulcers, allergies, cirrhosis, glomerulonephritis, stroke, systemic lupus erythematosus, or haematopoietic disorders. Anti-GPCR antibodies can be used diagnostically to monitor protein levels in tissues as part of a clinical testing procedure such as in determining the efficacy of a given treatment annoalists to account and account to the control of a given treatment annoalists and account and account the control of a given treatment annoalists.
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Smithson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABQ88354 to ABQ88417 represent human G protein coupled receptor (GPCR) cDNA sequences, and ABP51560 to ABP51624 represent human GPCR proteins from the present invention. GPCR sequences can be present invention. GPCR sequences can contropic, anti-HIV, antiasthmatic, antiarteriosclerotic, cytostatic, immunomodulator, antiinflammatory, antidiabetic, anorectic, haemostatic, antibacterial, fungicide, protozoal, virucide, nephrotropic, osteopathic
   08-OCT-2002
                                                                        ABL55009 standard; DNA; 22 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              New isolated human G-protein coupled receptor X (GPCRX) polypeptide, useful for treating or preventing GPCRX-associated disorders e.g. diabetes, atherosclerosis, cancer or obesity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18-DEC-2001;
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                                      ABL55009;
                                                                                                                                                                                                                                                                                                                   Sequence 22 BP; 12 A; 3 C; 6 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                   for the human GPCRs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WPI; 2002-557660/59.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gunther E,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (CURA-)
                                                                                                                                                                                                     3921 CTCTTGGCTTCTTTTCTCCCT 3941
                                                                                                                                                                     21
                                                                                                                                                                                                                                          17;
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G, Peyman JA, Macdougall JR, Stone D,

C E, Millet I, Tchernev VT, Anderson D,

H, Ellerman KE, Wolenc A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURAGEN CORP.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2000US-0257876P.
2001US-0257873P.
2001US-0267718P.
2001US-0261498P.
2001US-0267469P.
2001US-0275946P.
2001US-02778150P.
2001US-0278150P.
2001US-0285718P.
2001US-029327P.
2001US-0312902P.
                                                                                                                                                                                                                                            Conservative
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 (first entry)
                                                                                                                                                                                                                                                                                                                                                     ABQ88418 to ABQ88639 represent PCR primers s of the present invention
                                                                                                                                                                                                                                                           81.0%;
                                                                                                                                                                                                                                                                              0.2%;
                                                                                                                                                                                                                                          0;
                                                                                                                                                                                                                                                                              Score 14.6; DB 1; Length 22;
                                                                                                                                                                                                                                                               Pred. No.
                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                               2.4e+03
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e D, Vernet CAM, Shenoy S;
D, Gusev V, Malyankar UM;
                                                                                                                                                                                                                                          0;
                                                                                                                                                                                                                                                                                                                                                                        and probes
                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                          0,
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Human; lymphoma; immunoglobulin; B-cell mediated pathology; cytostati immunosuppressive; dermatological; antiinflammatory; neuroprotective; antidiabetic; antithyroid; autoimmune disease; B-cell lymphoma; PCR;
                                                                                                                                                                                                                                                   Human lymphoma-specific immunoglobulin PCR primer Vkappa2L
                                                                                                                                                                                                                                          cytostatic;
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primer; ss. WO200213862-A2 Homo sapiens

10-AUG-2001; 2001WO-US025204

11-AUG-2000; 2000US-0224722P 11-AUG-2000; 2000US-0224723P 23-MAR-2001; 2001US-0279079P

(FAVR-) FAVRILLE INC

Gold DP, Shopes RJ;

WPI; 2002-280742/32

Composition for altering B-cell mediated pathology, has a chimeric protein having portion of variable region of heavy chain or light chain linked to portion constant region associated with patient B cell clone.

Example 1; Page 44; 100pp; English.

CC relates to a novel composition for altering a B-cell mediated pathology of in a patient. The composition contains a chimeric protein comprising at CC least a portion of a variable region of heavy chain or light chain (WH or CC VL) linked to at least a portion of an immunoglobulin constant region, where VH or VL region is associated with a B cell clone from the patient CC where VH or VL region is associated with a B cell clone from the patient CC having the B cell mediated pathology. The composition of the invention CC has cytostatic, immunosuppressive, dermatological, antiinflammatory, CC neuroprotective, antidiabetic, and antithyroid activity. The composition is a vaccine useful for altering a B cell mediated pathology. This cincludes B cell lymphoma e.g. non-Hodgkins lymphoma, refractory low grade CC or follicular B-cell lymphoma; autoimmune disease e.g. multiple CC or follicular B-cell lymphoma; autoimmune hassociated CC parameoplastic neurological syndrome, autoimmune hassociated CC parameoplastic neurological syndrome, autoimmune hassociated CC parameoplastic neurological syndrome, autoimmune hassociated CC diabetes, autoimmune thyroiditis and scleroderma. The pathology is treated by administering the composition to the patient, preferably with CC created by administering the composition to the patient, preferably with a cytokine e.g. gr or chemokine e.g. The sequence represents a PCR primer used in the invention to amplify lymphoma-specific immunoglobulin heavy and light chains. The invention granulocyte-macrophage-colony stimulating g. monocyte chemotactic protein 3 (MCR 3) (GM-CSF)

Sequence 22 BP; 3 A; 6 C; 7 G; 6 T; 0 U; 0 Other;

8 Matches Query Match Best Local ( 2824 CTTTCCAAGCCCCAGGAGCTG 2844 17; Conserv CATTAGCAGCCCCAGGAGCTG 2 ilarity 81.0%; Conservative 0.2%; 0 Score 14.6; Pred. No. 2 Pred. Mismatches ĕ .4e+03 DB 1; Length 22; Indels 0 Gaps

0,

RESULT 3431 ABQ93599

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22

ABQ93599 standard; DNA; 22 В₽

SEXEXEX

16-OCT-2002 (first entry)

Human DISC1/DISC2 PCR primer disc13 f1.

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ARESULT 3432
ABQ73102
ID ABQ7310
XX ABQ7310
AC ABQ7310
XX ZS-SEP-
XX ZS-SEP-
XX Human;
KW Antiliha
KW Antidia
KW Antidia
KW W Vaccine
KW Autolmm
KW diabete
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Matches
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antirheumatic; antiarthritic; neuroprotective; antiinflammatory; antidiabetic; nephrotropic; dermatological; anti-HIV; haemostatic; vaccine; immune system; T-cell specific leukaemia; lymphoma; lupus; autoimmune disease; rheumatoid arthritis; multiple sclerosis; HIV; diabetes mellitus; inflammatory bowel disease; Crohn's disease; asthma; immunologic renal disease; glomerulonephritis; vasculitis; polyarteritis; mesangioproliferative disease; chronic lymphocytic leukaemia; bronchitis; secondary glomerulonephritis; seleroderma; amyloidosis; multiple myeloma; haemolytic uraemic syndrome; renal neoplasm; urological neoplasm; emphysema; chronic airway disease; chromosome 1; chromosome?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      allelic variant polynucleotide. The polypeptides of the invention have neuroleptic activity. The polynucleotides may have a use in gene therapy DISC1 or DISC2 nucleic acid molecules are useful for diagnosing or treating a subject having a disease or disorder associated with specific DISC1 or DISC2 alleles and/or aberrant DISC1 expression or activity e.g. neuropsychiatric disorder such as schizoaffective, bipolar, unipolar affective or adolescent conduct disorder or schizophrenia. Similarly, the compound that inhibits DISC1 protein activity may be used in the method for treating such neuropsychiatric disorders. The sequences shown in ABQ93578-ABQ93658 represent the PCR primers used in the invention to amplify the sequences of DISC2 and DISC2
                                                                                                                                                                                                                                                                                                                                                                      ABQ73102 standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 23-JAN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; Disrupted In Schizophrenia 1; DISC1; neuroleptic; gene therapy; neuropsychiatric disorder; schizoaffective disorder; bipolar disorder; unipolar affective disorder; adolescent conduct disorder; schizophreni
                                                                                                                                                                                                                                                       Zcytor19 related PCR primer ZC38481 SEQ ID NO:47.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      The invention relates to a novel Disrupted-In-Schizophrenia (DISC) 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Claim
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neuropsychiatric disorders e.g. ε
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 man Disrupted-In-Schizophrenia (DISC) 1 and DISC2 genes containing nucleotide polymorphisms, useful for preventing or treating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   μ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GTGGAGTGCACAGTGGCACAG 1137
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|GTAGTGCTCAGTAGGACAG 21
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                                                                                                                                                                                                                                                                                             (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 14.6;
Pred. No. 2.
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Human

Pur alpha

anti-sense strand, phosphorothicate oligonucleotide

07-OCT-2002

(first entry)

ABK88736; ABK88736

standard;

DNA;

22

Human; apoptotic cell death; proteinaceous transcription factor; regulation of gene transcription; apoptosis; p53; CD95; TRA; transcriptional regulator of apoptosis; y-box family; yB-1; cancer; tumour cell; embryonic cell; nervous system; intracellular pathogen; DNA-damaging agent; retroviral infection; neurodegenerative disorder immune system dysfunction; anti-tumour; cytostatic; Pur alpha;

disorder;

RESULT 3433 ABK88736

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3677

CCTCCAGCCAGAAAGCCAGCT CCTCCTTCCAGAATGCCACCT

3697 21

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antidiabetic, nephrotropic, dermatological, anti-HIV and haemostatic car civities, and can be used in vaccines. (I) or an antibody binding (I) can be used for suppressing the immune system for reducing rejection of tissue or organ transplants and grafts and for treating T-cell specific cleukaemiss or lymphomas and autoimmune diseases including rheumatoid carthritis, multiple sclerosis, diabetes mellitus, inflammatory bowel disease and Crohn's disease. The antibodies can also be used for treating consumed the construction of treating consumer of the construction of treating consumer of the consumer o
Query Match
Best Local S
Matches 17
                                                                               Sequence
                                                                                                                          need
                                                                                                                                                                                                                                                                                                                                                                                                                                               and truncated zcytor19 protei antirheumatic, antiarthritic,
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07-FEB-2001;
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                                                                                                                       in
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l Similarity
17; Conserv
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                                                                                  22
                                                                                                                       example
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Page 199;
                                                                                  BP;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         invention
  Conservative
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2001US-0267211P
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                  0.2%;
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Pred.
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Mismatches
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Gaps
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ABZ30701
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The present invention relates to methods for modulating apoptotic cell death using proteinaceous transcription factors that regulate the CC transcription of genes encoding proteins involved in apoptosis (e.g. CD95 CC and p53). The methods involve modulating the amount of a transcriptional regulator of apoptosis (TRA) available to bind to a target polymucleotide CC in the cells, where TRA is a member of the Y-box nucleic acid binding CC family of polypeptides (e.g. YB-1). The methods of the invention are CC useful for modulating apoptotic cell death in a population of cells, CC where the cells are selected from tumour cells, cells of the invention are CC system, embryonic cells, cells for the nervous system, or cells infected CC with intracellular pathogens. The methods are also useful for increasing the sensitivity of tumour cells to a DNA-damaging agent, and for CC increasing sensitivity to apoptosis in a population of cells harbouring cCC intracellular pathogens. The methods are useful for screening an CC apoptosis modulatory agent that modulates the binding of TRA. The methods CC for regulating apoptosis can be used therapeutically and prophylactically cfor various disorders such as cancer, viral and retroviral infections, neurodegenerative disorders, and immune system dysfunction. The present CC strand of human bur alpha
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                                                                                                                                                                                                                                                                                                                                                                     RESULT 3434
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Best Local Similarity
Matches 17; Conserv
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Fungus; yeast; tetracyclin; promoter; GRACE strain; biosynthesis; signal transduction; DNA replication; cell division; growth;
                                                                                                Candida albicans GRACE strain PCR primer SEQ ID NO 4852
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 22
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                                                                                                                                                                                                                                                                                                    ABZ30701 standard; DNA; 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GGGCAGCGCAATGGTCTGGCC 22
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                                                                                                                                                                 (first entry)
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Pred. No. 2.4e
0; Mismatches
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**XXXXXXX** 

15-NOV-2002

(first entry)

AAD42570;

Human leukocyte antigen; HLA; T cell receptor; cytotoxic T lymphocyte;

Murine TCR B gene amplifying 5' PCR primer,

VB8.

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CCCTCAAGCTCATGCAAGAAA 22

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AAD42570 RESULT 3435

AAD42570 standard;

DNA;

22 ВP

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S
                                            Matches
                                                              Best
                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                cells in which both alleles of a gene are modified, comprising modifying one allele by insertion or replacement by a cassette having an expressible selectable marker and modifying other allele by recombination, of a promoter replacement fragment with a heterologous promoter. So that expression of the second allele is regulated by the promoter. (M1) is useful for constructing a strain of diploid fungal cells in which both alleles of a gene are modified. The diploid fungal cells having both alleles modified are useful for identifying a gene that is essential to the survival or growth of a fungus, a gene that contributes to the virulence and/or pathogenicity of a fungus, a gene that contributes to the resistance of a diploid fungus to an antifungal agent, an antifungal agent that inhibits the growth of a mammalian disease. (M1) is useful for identifying a compound which modulates the
                                                                                                                                                                                              activity of a gene product, preferably enzymatic activity, carbon compound catabolism, biosynthetic, transporter, transcriptional, translational, signal transduction, DNA replication and cell division activity. The method is useful for identifying a compound having the ability to inhibit growth or proliferation of C. albicans cells and for treating infection by C. albicans. The present sequence is that of a PCR primer used in the method of the invention. Note: The sequence data for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Constructing strains for identifying gene products as effective targets for therapeutic intervention, by inactivating in the strain one allele of a gene and placing other allele of the gene under conditional expression.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   29-DEC-2000; 2000US-0259128F
20-FEB-2001; 2001US-00792024
22-AUG-2001; 2001US-0314050F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim
                                                                                                                   Sequence 22 BP; 8 A; 7 C; 3 G; 4 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The invention relates to constructing (M1) a strain of diploid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Roemer T,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  26-DEC-2001; 2001WO-US049486
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        proliferation; Candida albicans; fungicide; antifungal; PCR; primer; ss.
                                                                                                                                                                              this patent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (ELIT-) ELITRA PHARM INC.
                                                              Local
    5949 CCCTCAAGCTTATACTAGAGA 5969
                                                            Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 4852; 167pp + Sequence Listing;
                                                                                                                                                       is not represented in the printed specification information supplied to Derwent by the European
                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        В,
                                                            81.0%;
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                                                                                   0.2%;
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                                                                Score 14.6;
Pred. No. 2
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                                            Mismatches
                                                                .4e+03
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                                                                                 Length
                                            Indels
                                                                                                                                                              ification but is based 
European Patent Office
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        English.
                                                                                   22;
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                                            Gaps
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ABS98056/c
                                                              KW Human; 88; primer; cytochrome P450 A1; CYP4501A1; UGT2B4; MDR1; PCR; KW cytochrome P450 A2; CYP4501A2; cytochrome P450 O2B; CYP45002B1; LTF; KW adrenergic receptor beta1; ADBR1; aryl hydrocarbon; ARM; MRP3; NR112; KW aryl hydrocarbon receptor nuclear translocator; ARNT; cathepsin S; CTSS; KW cyclooxgenase 2; COX2; diazepam binding inhibitor; DBI; haematological; CYClooxgenase 2; COX2; diazepam binding inhibitor; DBI; haematological; CYClooxgenase 2; COX2; diazepam binding inhibitor; DBI; haematological; CYClooxgenase 2; EPHX2; 5-llpoxygenase activating protein; FLAP; CYClooxgenase 2; EPHX2; 5-llpoxygenase activating protein; FLAP; CYClooxgenase 2; CYClooxgenase cyclooxgenase; CYClooxg
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The present invention relates to novel nucleic acids encoding A chain on B chain of human p53-specific, human leukocyte antigen (HLA) restricted murine T cell receptor (TCR). Human CDB+ cytotoxic T lymphocytes (CTLs) transfected with sequences of the invention are useful in adoptive immunotherapy for treating an individual having a tumour that over-expresses p53. Sequences of the invention are useful in gene therapy. The present sequence is a PCR primer which is used for amplifying murine TCR B gene. This primer is used in the exemplification of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human multidrug
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABS98056 standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Novel nucleic acid encoding A chain or B chain of hu p53-specific, hur leukocyte antigen restricted mu T cell receptor, useful for producing CD8+ cytotoxic lymphocytes for adoptive tumor immunotherapy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ellenhorn JDI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22-FEB-2000;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2002-589174/63.
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sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                22 BP;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ഗ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         resistance gene PCR primer #20.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7 C; 5
                                               pulmonary; immunological
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 22
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.4e+03
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21

CAGCATTTTTTTTTCATACTT

6446 CAGCAGTGTTTTTGGATACTT

Matches

17;

Local

Similarity

0.2%;

Score 14.6; Pred. No. 2 Mismatches

4e+03 멺

Length Indels

22;

0

0

0

Sequence

B₽;

12

A; 1 C; 4 G; 5

T; 0 U; 0 Other;

RESULT 3437 ABX97545

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CC sulfotransferase thermolabile (STM), UDP-glucuronosyl transferase 2B4
CC (UGT2B4), UDP-glucuronosyl transferase 2B7
CC (UGT2B4), UDP-glucuronosyl transferase 2B7
CC (UGT2B4), UDP-glucuronosyl transferase 2B7
CC (MDR1), lactotransferrin (LTP), multidrug resistance 1
CC (MDR1), lactotransferrin (LTP), multidrug resistance associated protein 3
CC (MDR1), lactotransferrin (LTP), multidrug resistance associated protein 3
CC (MDR1), lactotransferrin (LTP), multidrug resistance associated protein 3
CC (MDR1), lactotransferrin (LTP), multidrug resistance associated protein 3
CC (MDR1), lactotransferrin (LTP), multidrug resistance associated protein 3
CC (MDR1), lactotransferrin (LTP), multidrug resistance associated protein 3
CC (MDR1), lactotransferrin (LTP), multidrug resistance associated protein 3
CC (MDR1), lactotransferrin (LTP), multidrug resistance associated protein 3
CC (MDR1), lactotransferrin (LTP), multidrug resistance and cremtually
CC identifying the genes responsible for a variety of disorder-related
CC traits as a result of their e.g., overexpression, constitutive
CC expression, mutation or underexpression, which may be used in diagnosing
CC expression, mutation or underexpression, which may be used in diagnosing
CC expression, mutation or underexpression, which may be used in diagnosing
CC expression, mutation or underexpression, constitutive
CC expression, constitutive
CC expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         This invention relates to the sequence of an isolated nucleic acid molecule comprising at least one base variation from that of a known human cytochrome P450 A1 (CYP4501A1), cytochrome P450 A2 (CYP4501A2), cytochrome P450 A2 (CYP4501A2), adrenergic receptor beta1 (ADBR1), aryl hydrocarbon receptor nuclear translocator (ARNT), cathegain S (CTSS), cyclooxgenase 2 (COX2), diazepam binding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               inhibitor (DBI), epoxide hydroxylase 2 (EPHX2), 5-lipoxygenase activating protein (FLAP), glutathione-S-transferase 12 (GST12), histamine-N-methyl transferase (HNMT), (kalllkrein 2) KLK2, nicotinamide -N-methyl transferase (NNMT), NADPH quinone oxidoreductase 2 (NQO2),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Isolated nucleic acid molecules having polymorphisms in known human genes e.g. cytochrome p450 and cathepsin S useful as genetic linkage markers for locating, identifying and characterizing the genes responsible for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                28-NOV-2001; 2001WO-US044838
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    disorder-related traits.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Guida
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22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA SCI LAB
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                                                         amplify
                                                            the sequences of the invention
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31. MA
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13-MAR-2001;
13-MAR-2001;
13-MAR-2001;
14-MAR-2001;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  16-MAR-2001;
19-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     08-MAR-2002;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PCR; primer; ss.
2001US-0277239R

2001US-0277321P

2001US-0277321P

2001US-0277831P

2001US-0278153P

2001US-0278999P

2001US-0279935P

2001US-0280822P

2001US-028082846P

2001US-029199P

2001US-029485P

2001US-029485P

2001US-029485P

2001US-029485P

2001US-029485P

2001US-029485P

2001US-029485P

2001US-029485P

2001US-029485P

2001US-039310P

2001US-0312903P

2001US-0312903P

2001US-0325481P

2001US-0325430P

2001US-0325430P

2001US-0335301P

2001US-0335301P

2001US-0335301P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2001US-0275578P.
2001US-0275578P.
2001US-0275579P.
2001US-0275601P.
2001US-0276706P.
2001US-0276794P.
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2001US-0274849P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  reverse
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                primer from primer-probe set Ag3499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cancer;
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                                                           Matches
                                                                        Query Match
Best Local (
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03-JAN-2002;
07-MAR-2002;
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14-NOV-2001;
14-NOV-2001;
14-NOV-2001;
14-NOV-2001;
21-NOV-2001;
03-DEC-2001;
03-DEC-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                     radigaru M, Spytek KA, Shenoy SG, Taupier RJ, Pena CEA
Zerhusen BD, Gusev V, Ji W, Gorman L, Miller CE, Keku
Patturajan M, Gangolli B, Vernet CAM, Guo X, Tchernev
Fernandes ER, Casman SJ, Malyankar UM, Gerlach V, Liu
Spaderna SK, Catterton E, Burgess C, Leite M, Zhong H,
Lepley DM, Rieger DK;
                                                                                                                                          This invention describes novel human NOVX polypeptides which have cytostatic, cardiant, antiarteriosclerotic, antiasthmatic and hypotensive activity. Pharmaceutical compositions comprising the NOVX proteins or nucleic acid molecules or NOVX antibodies are useful for preventing or treating a disorder associated with aberrant NOVX expression or activity e.g. cancer, hypertension, atherosclerosis, cardiomyopathy or bronchial asthma. The products of the invention can be used for gene therapy or in a vaccine. ABX13460-ABX13462 and ABX97186-ABX97593 represent PCR primers and probes used in the amplification and isolation of the NOVX polymucleotides represented in ABX97008-ABX97185 which encode the
                                                                                                                                                                                                                                                                                                                                                                     NOVX polypeptides and polynucleotides, useful for preventing or treating a disorder associated with aberrant NOVX expression or activity e.g., carcer, hypertension, atherosclerosis, cardiomyopathy or bronchial
                                                                                                                  Sequence 22 BP; 10 A; 2 C; 8 G; 2 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                            Example
                                                                                                                                                                                                                                                                                                                                                                                                                                   WPI; 2002-723332/78.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (CURA-)
                             6344 AACATAAAGCCGAAGAAGGTA 6364
 N
                                                                                                                                                                                                                                                                                                                              ü
                                                                        Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURAGEN CORP.
 AAGGTAAAGGCCAAGAAGGTA
                                                                                                                                                                                                                                                                                                                              Page 1014; 1103pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; 2001US-0332271P.
2001US-0332772P.
2001US-0333184P.
2001US-0333772P.
2001US-0333772P.
2001US-0337426P.
2001US-0337426P.
2001US-0337426P.
2001US-03374505P.
2002US-0345705P.
2002US-00092900.
                                                           Conservative
                                                                        0.2%;
                                                           0;
                                                                        Score
Pred.
 22
                                                            Mismatches
                                                                        14.6;
No. 2
                                                                        .4e+03
                                                                                        DB 1;
                                                           4:
                                                                                     Length
                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Liu Y,
ong H, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           na CEA,
Kekuda
                                                                                          22;
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Alsobrook
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                                                            Gaps
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ABK67743 standard;
DNA;
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ВÞ
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02-JUL-2002 ABK67743;

(first entry)

associated

PCR primer

RESULT 3438
ABK67743/c
ID ABK6774
XX
AC ABK6774
AC ABK67774
XX
MOUSE t
XX
Transgl
KW Transgl IgG glomerulonephritis; myasthenia gravis; partial lipodystrophy; polymyositis; primary biliary cirrhosis; primary sclerosing cholangit progressive systemic sclerosis; retnests pericarditis; sjogren's syndrome; relapsing polychondritis; arthritis; rheumatism; sarcoidosis; SLE; splenic atrophy; diabetes; Wegener granulomatosis; ulcerative colitis; vasculitis; vitiligo; PCR; primer; ss. Transglutaminase; TGM; transamidation; autoimmune disease; Addison's disease; AI haemolytic anaemia; AI thrombocycopenic purpara; AI thyroid disease; AI phichic gastritis; pernicious anaemia; Chron's disease; colitis ulcerosa; Goodpasture syndrome; IgA nephropathy; transglutaminase cholangitis;

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                                                                                                                                                                                                                                       RESULT 3439
ABN84197
                                                                                                                                                                                                                                                                                                                                                                                                                                            in a diagnostic method in a subject or in cells derived from a subject to having an autoimmune disease. The method for detecting transgluataminase proteins may be used to diagnose autoimmune diseases which include the disease, at haemolytic anaemia, AI thrombocytopenic purpara, AI thyroid disease, atrophic gastritis, pernicious anaemia, Chron's cidsease, colitis ulcerosa, Goodpastries syndrome, IgA nephropathy or IgG glomerulonephritis, myssthenia gravis, partial lipodystrophy, comparation of the study of transglutaminase genes in which DNA, amino acid systemic and cutaneous) and vitilgo. This sequence represents a primer cused in the study of transglutaminase genes in which DNA, amino acid sequences and chromosomal locations of novel transglutaminases are
                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 22 BP; 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The invention relates to nucleic acids which encode novel polypeptides having transglutaminase activity. The compositions of polypeptide are useful for transamidation reactions on peptides and polypeptides. Detection of the polypeptides with transglutaminase activity are useful
28-NOV-2001; 2001WO-US044753.
                              06-JUN-2002
                                                                                                                                                                    23-SEP-2002
                                                                                                                                                                                                                         ABN84197 standard; DNA; 22 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Disclosure; Page 27; 67pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Nucleic acids which encode novel transglutaminase enzymes TG-Z and which can be used in diagnostic methods of autoimmune diseases.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         15-SEP-2000;
16-MAY-2001;
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                                                       WO200244421-A2
                                                                                  Homo sapiens
                                                                                                            Reverse transcription; PCR; bcr/abl; human; primer;
                                                                                                                                                                                               ABN84197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WPI; 2002-329954/36.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (UYCA-) UNIV COLLEGE CARDIFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 14-SEP-2001;
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                                                                                                                                                                                                                                                                                                                        3853
                                                                                                                                                                                                                                                                                               22
                                                                                                                                                                                                                                                                                                                                                   17;
                                                                                                                                          forward
                                                                                                                                                                                                                                                                                                                        CCTTTTCTCCTTATTCCTCCT 3873
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                                                                                                                                                                                                                                                                                                                                                     Conservative
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2001GB-00011995.
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                                                                                                                                                                    (first entry)
                                                                                                                                       PCR primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Grenard PM
                                                                                                                                                                                                                                                                                                                                                                                                         A; 1 C; 11 G; 3 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                  81.0%;
                                                                                                                                                                                                                                                                                                                                                                               0.2%;
                                                                                                                                                                                                                                                                                                                                                   0;
                                                                                                                                                                                                                                                                                                                                                                  Pred. No.
                                                                                                                                                                                                                                                                                                                                                                               Score 14.6;
                                                                                                                                                                                                                                                                                                                                                   Mismatches
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                                                                                                                                                                                                                                                                                                                                                                              DB 1; Length 22;
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                                                                                                                                                                                                                                                                                                                                                   0,
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RESULT 3440
ABQ94306
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local (
                                                                                                                                                                                                                            Human; BNO1; F-box; FBXO; chromosome 16q24.3; SCF ubiquitin-E3 ligase; protein ubiquitination; proteasome targeting; breast; prostate; liver; ovarian; immune disease; inflammatory disease; AIDS; acquired immunodeficiency syndrome.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               The present invention provides a method of generating a nucleic acid from an RNA template. This involves providing an RNA polymer selected from RNA heteropolymers or double-stranded RNA polymers, and adding the RNA polymer to a reaction mixture containing a reverse transcriptase and an RNA template under conditions such that polymerisation occurs to generate a nucleic acid molecule complementary to a portion of the RNA template. The present sequence is a bcr/abl forward primer, which was used with the reverse primer given in ABN84198 in a 1-step RT-PCR in an example from the invention in which the utility of polyg or polyl attached to resins the polygon of the RNA template.
                                                                                                                                                                                         acquired immunodeficiency syndrome; asthma; Crohn's disease; multiple sclerosis; neurological disorder; Parkinson's disease; Alzheimer's disease; cytostatic; immunomodulator; neuroprotective;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     in enhancing single-cell RT-PCR reactions performed on whole eukaryotic cell lysates was evaluated. RT-PCR was conducted without prior RNA isolation, using human crythroleukaemia K562 cells. Results were compare with those obtained using RNASIN ribonuclease inhibitor. Use of polyg resin allowed detection of the bcr/abl signal down to 1-10 cells, but the signal was weaker than with RNASIN. Use of PolyI allowed detection to a level comparable to RNASIN (1 cell), and provided an increased
                                                                   modified_base
                                                                                                                         Homo
                                                                                                                                                                                                                                                                                                                      Human BNO1 isoform 2 forward PCR primer, SEQ ID NO:40.
                                                                                                                                                                                                                                                                                                                                                            01-NOV-2002
                                                                                                                                                                                                                                                                                                                                                                                               ABQ94306;
                                                                                                                                                                                                                                                                                                                                                                                                                                   ABQ94306 standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Example 7; Page 45; 61pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Generating nucleic acid from RNA template, by adding RNA inhibit RNase enzymes, to remove RNA-binding enzymes and solution and thus enhancing certain enzymatic reactions.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      28-NOV-2000;
28-NOV-2001;
                                                                                                                                                             splice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       replace RNASIN in single-tube, whole cell RT-PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sensitivity when not removed prior to PCR reaction.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPI; 2002-537462/57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (PROM-) PROMEGA CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2539 GAGCTCCAGATCCTGACGTAC 2559
                                                                                                                         sapiens.
                                                                                                                                                                              therapy;
                                                                                                                                                             variant;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GAGCTGCAGATGCTGACCAAC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     22 BP; 6 A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2000US-0253451P.
2001US-00253451.
                                                                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                         diagnosis; prognosis; expression analysis; isoform 2;
t; real-time quantitative PCR; primer; ss.
                                                                                    Location/Qualifiers
              /*tag= a
/mod_base= OTHER
/note= "Labelled with HEX"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6 C; 7 G; 3 T; 0 U;
                                                                                                                                                                                                                                                                                                                                                                                                                                   22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <u>.</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 14.6; DB 1;
Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          polymer to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         proteins from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  compared
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              but the
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                                                                                                                                                               CC acids encoding them. The BNO1 protein is a member of the FBXO class of F-CC box proteins, containing an F-box motif but no other known protein.

CC interaction domains. Proteins which contain F-boxes are the substrate cc recognition components of SCF ubiquitinaria proteins, thereby targeting them for degradation in CC the proteasome. In addition, BNO1 is able to interact with Skpl, an CC essential component of SCF ubiquitin-B3 ligases, which are responsible CC in the proteasome in addition, BNO1 is able to interact with Skpl, an CC the regulation of many proteins, thereby targeting them for degradation in CC the regulation of many proteins, BNO1 is able to interact with Skpl, an CC the regulation of many proteins, BNO1 is able to interact with Skpl, an CC the regulation of many proteins, particularly those involved in important CC callular processes such as cell cycle regulation. The human BNO1 gene CC maps to chromosome 16q24.3, and is expressed as two different isoforms. CC insoform 1 consists of 539 amino acids and is encoded by an open reading CC frame (ORF) of 1617 bp, while the longer isoform 2 consists of 568 amino CC maps to chromosome 16q24.3, and is expressed as two different isoforms. CC isoforms are the product of differential splicing; both comprise exons 1. CC 9, but the isoform 2 mRNA additionally comprises exons 2.5. Loss of the transposition of thromosome 16, in which the human CC may be used for treating disorders associated with altered BNO1 mucleic CC acids, proteins and compounds which modulate BNO1 activity or expression. Such disorders include cancers (e.g., breast, proteiate, CC also be used to disorders include cancers (e.g., breast, proteiate, CC also be used to disorders include cancers (e.g., breast, proteiate, CC also be used to disorders include cancers and antibodies may cC also be used to disorders include cancers. Additionally, BNO1 cc also caids and proteins, and transgenic animals comprising human BNO1 cell acid disorders, and the buman BNO1 gene function has been knocked c
                                  8
                                                                                                            Query Match
                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New gene (BNO1) mapping to chromosome 16q24.3, useful in gene therapy, e.g. for diagnosing or treating cancers (e.g. lymphoma), immune/inflammatory diseases (e.g. AIDS) or neurological disorders (e.g.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WO200261081-A1
                                                                                                                                                             Sequence
                                                                                                                                                                                                                     degradation by ubiquitination. Sequences ABQ94306-ABQ94307 represent PCR primers specific for isoform 2 of human BNO1 used in real-time PCR analysis of BNO1 expression in breast cancer cell lines in an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Example 7; Page 61; 85pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Parkinson's disease).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                31-JAN-2001; 2001AU-00002783
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         31-JAN-2002; 2002WO-AU000096
                                                                                                                                                                                                      exemplification of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (BION-) BIONOMICS LTD
                                                                            1 Similarity
17; Conser
                                    GTGAAGTCAGGAGGGTTTCTG 6015
                                                                                                                                                               22
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                                                                                                                                                             BP; 4 A;
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                                                                              Conservative
                                                                                                                                                             2 C;
                                                                                               0.2%;
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                                                                                                                                                             9
                                                                            0;
                                                                                                                                                             G; 7 T; 0 U; 0 Other;
                                                                                               Score 14.6;
Pred. No. 2
                                                                              Mismatches
                                                                                                  2.4e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gardner AE,
                                                                                                                   DB 1;
                                                                                                                   Length 22;
                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Crawford
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RESULT 3441

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ABTO8409/c
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AC ABTO84
XX
AC ABTO84
XX
PT 27-NOV
XX
Human
XX
Ginhibi
XW
Gytost
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Hytost
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Alzhei
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PD 29-AU
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Alzhei
XX
PT 01-FEI
PR 21-MA:
XX
PT 1-FEI
PR 21-MA:
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      S X S X F X B X X X X B
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Best Local S
Matches 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      The present invention relates to a recombinant expression construct encoding a reporter gene operably linked to a promoter from a mammalian gene induced by a cyclin-dependent kinase (CDK) inhibitor. The construct is useful for identifying compounds that inhibit the induction of genes induced by CDK inhibitors. The compounds are useful for preventing or treating a disease caused by CDK inhibitor induced gene expression, e.g. cancer other than colon cancer, renal failure, Alzheimer's disease, amyloidosis, age-related diseases, atherosclerosis or arthritis. The present sequence is a PCR primer used to amplify a human promoter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New recombinant expression construct, useful for identifying compounds that inhibit the induction of genes induced by cyclin-dependent kinase inhibitors for preventing or treating cancer, renal failure or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      inhibitor; cancer; age-related disease; promoter; atherosclerosis;
cytostatic; antiarteriosclerotic; nootropic; neuroprotective;
nephrotropic; antiarthritic; arthritis; renal disease;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           01-FEB-2001; 2001US-0265840P.
21-MAY-2001; 2001US-00861925.
Rat; phosphodiesterase 10A; PDE10A; enzyme; tranquillizer; neuroleptic; nootropic; antiaddictive; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 22 BP; 3 A; 5 C; 7 G; 7 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2002-674960/72.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human, cyclin-dependent kinase; CDK; cyclin-dependent kinase inhibitor;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human MnSOD promoter PCR primer SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABT08409 standard;
                                                                                           Rat phosphodiesterase 10A primer 1358.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Example 8; Page 128; 137pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Poole
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                                                                                                                                                                                                                                                                                         ACC48924 standard; DNA; 22 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (UNII ) UNIV ILLINOIS FOUND.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7415 GCAGCAGCAGCAGCAGCA 7435
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17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  GTAGCACCAGCACTAGCAGCA 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                            (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14.6;
No. 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      invention
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Rattus

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RESULT 3443
ACC48924/c
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Best Local
                                                                                                                                                                                                       Rat phosphodiesterase 10A primer 1358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Screening for agents that inhibit intracellular phosphodiesterase 10A activity for use in treating disorders of movement of mood and anxiety, by using striatal medium spiny neurons to identify inhibitors at cellular
         WPI; 2003-335006/32
                                                                      31-JUL-2001;
                                                                                        16-JUL-2002; 2002EP-00254973
                                                                                                                                 EP1281771-A2
                                                                                                                                                     Rattus sp.
                                                                                                                                                                          Rat; phosphodiesterase 10; nootropic; antiaddictive;
                                                                                                                                                                                                                             11-AUG-2003
                                                                                                                                                                                                                                                  ACC48924;
                                                                                                                                                                                                                                                                      ACC48924
                                                                                                                                                                                                                                                                                                                                                                                                                              deficient cognition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cloning of rat paddition to rat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Example 4; Page 17; 27pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     James
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                16-JUL-2002;
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                                                 (PFIZ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EP1281771-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              level.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nvention
                                                                                                                                                                                                                                                                                                                                                                                                                                     e present sequence is that of primer 1358, which was used in the oning of rat phosphodiesterase 10A (PDE10A) cDNA (see ACC48919). In diction to rat PDE10A polynucleotide and polypeptide sequences, the vention provides a cell-based assay using striatal medium spiny neurous repeated assay using striatal medium spiny neurous repeated as a contract of the cellular level. In thibitors are useful e.g. for treating disorders of movement or einhibitors are useful e.g. for treating disorders of symptom
                                                                                                                                                                                                                                                                                                                                            4915
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2003-335006/32
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                                                                                                                                                                                                                                                                                                                                                                 1 Similarity
17; Conser
                                                                                                                                                                                                                                                                                                                          ب
                                                 PFIZER PROD
                                                                                                                                                                                                                                                                    standard;
                                                                                                                                                                                                                                                                                                                                            GAAAGCATCAGGACTGTTGAG 4935
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                                                                                                                                                                                                                                                                                                                          GTAGGCATCAGGAATGTTCAG
                             Lebel LA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lebel LA,
                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                         BP; 6 A;
                                                                      2001US-0308978P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2002EP-00254973
                                                                                                                                                                                                                            (first entry
                                                                                                                                                                                                                                                                    DNA;
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C;
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                             Menniti
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                                                                                                                                                                                   10A;
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                                                                                                                                                                          primer;
                                                                                                                                                                                                                                                                      BP.
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                                                                                                                                                                                                                                                                                                                                                                 0;
                                                                                                                                                                                    PDE10A;
                                                                                                                                                                                                                                                                                                                                                                          Score 14.6;
Pred. No. 2
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                             Strick
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                                                                                                                                                                                   enzyme;
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                                                                                                                                                                                                                                                                                                                                                                                                          0 Other;
                             δ
                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
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                                                                                                                                                                                   tranquillizer; neuroleptic;
                                                                                                                                                                                                                                                                                                                                                                                   Length
                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                     22;
                                                                                                                                                                                                                                                                                                                                                                 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     spiny neurons
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The present invention relates to human acetyl-Coenzyme A-carboxylase-alpha (ACC-alpha; see ABZ79442), which can be used for in vitro diagnosis of cancer (or of an increased risk of developing it), by detecting ACC-alpha gene mutations or polymorphisms, or altered ACC-alpha protein expression, relative to a control population. The method is particularly used to diagnose cancer, especially of brasst or ovary, or for assessing the risk of developing such cancers. The present sequence is a PCR primer, which was used in an example from the invention

diagnosis

In vitro diagnosis of cancer, particularly breast and susceptibility, comprises detecting alterations in the carboxylase alpha gene or protein expression.

l ovarian me acetyl

coenzyme

e or

Example

1; Page 10;

56pp;

French.

(CNRS )

CNRS

CENT

NAT RECH SCI 1 BERNARD CL

CLAUDE.

Magnard CM,

Lenoir GM,

Sinilnikova-Erard

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13-JUN-2001; 95-MAR-2002;

2001FR-00007740. 2002FR-00002788.

WPI;

2003-175165/17 Venezia NL,

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                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 3444
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Best Local S
Matches 17
                                                                                                                                                                                                                                                                                                               Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The present sequence is that of primer 1358, which was used in the cloning of rat phosphodiseterase 10A (PDE10A) cDNA (see ACC48919). In addition to rat PDE10A polynucleotide and polypeptide sequences, the invention provides a cell-based assay using striatal medium spiny neurons to identify agents that inhibit PDE10A activity at the cellular level. The inhibitors are useful e.g. for treating disorders of movement or mood, anxiety, psychosis, drug addiction, and disorders of symptom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Screening for agents that inhibit intracellular phosphodiesterase activity for use in treating disorders of movement of mood and anx by using striatal medium spiny neurons to identify inhibitors at c
                                                                                                                                                                                                                                                     12-JUN-2002;
                                                                                                                                                                                                                                                                          19-DEC-2002.
                                                                                                                                                                                                                                                                                            WO2002100896-A2
                                                                                                                                                                                                                                                                                                                                  breast;
                                                                                                                                                                                                                                                                                                                                            Human; enzyme;
                                                                                                                                                                                                                                                                                                                                                             Acetyl-Coenzyme A-carboxylase-alpha gene PCR primer,
                                                                                                                                                                                                                                                                                                                                                                                   01-MAY-2003
                                                                                                                                                                                                                                                                                                                                                                                                     AB279359;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2260
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            l Similarity
17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4.
                                                                                                                                                                                                                                                                                                                                  ovary;
                                                                                                                                                                                                                                                                                                                                                                                                                       standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CTGAACATTCCTGATGCCTAC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CTGGCCATTCGTGATGCCTGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cognition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Page 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BP; 6
                                                                                                                                                                                                                                                     2002WO-FR002015
                                                                                                                                                                                                                                                                                                                                                                                 (first
                                                                                                                                                                                                                                                                                                                                acetyl-Coenzyme A-carboxylase-alpha;
PCR; primer; вв.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A; 3 C; 8
                                                                                                                                                                                                                                                                                                                                                                                                                       DNA;
                                                                                                                                                                                                                                                                                                                                                                                 entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          27pp;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                        22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No. 2.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 14.6;
Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                               SEQ ID
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at cellular
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ABX72360/c
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Best Local
                                 18-JUN-2001
19-JUN-2001
19-JUN-2001
19-JUN-2001
12-SEP-2001
25-SEP-2001
25-SEP-2001
27-SEP-2001
17-OCT-2001
14-NOV-2001
14-NOV-2001
                                                                                                                                                                  19-APR-2001
20-APR-2001
20-APR-2001
23-APR-2001
23-APR-2001
24-APR-2001
25-APR-2001
27-APR-2001
02-MAY-2001
29-MAY-2001
                                                                                                                                                                                                                                                                                                    10-APR-2001;
10-APR-2001;
12-APR-2001;
13-APR-2001;
13-APR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 22 BP; 5 A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    hypertension; congenital heart defect; aortic stenosis; valve disease; atrial septal defect; atrioventricular canal defect; ductus arteriosus; pulmonary stenosis; subaortic stenosis; ventricular septal defect; VSD; tuberous sclerosis; scleroderma; atherosclerosis; infectious disease; obesity; anorexia; neurodegenerative disorder; Alzheimer's disease; Parkinson's disease; immune disorder; haematopoietic disorder; primer;
                                                                                                                                                                                                                                                                                                                                                                                                                                           03-APR-2002; 2002WO-US010780
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  17-OCT-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human NOVX DNA PCR primer #57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           03-JUN-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABX72360
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                                                                                                                                                                                                                                                                                                                                                                   06-APR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        haemophilia; hypercoagulation; Crohn's disease; cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sapiens
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17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NOVX; PCR; ss; metabolic disorder; cardiomyopathy; diabetes; ASD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTCCTTACACAAGTGCCTAA 5073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTCCTCACAAAACTGCCTCA
       2001US-0281136P.
2001US-028190P.
2001US-028190P.
2001US-0282930P.
2001US-0282934P.
2001US-028234P.
2001US-0284234P.
2001US-0285381P.
2001US-0285609P.
2001US-028609P.
2001US-028609P.
2001US-0286292P.
2001US-0286292P.
2001US-0286292P.
2001US-0286292P.
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2001US-0286292P.
2001US-0296292P.
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2001US-0296292P.
2001US-0296292P.
2001US-0296292P.
2001US-0392484P.
2001US-03924802P.
2001US-03924802P.
2001US-0332480P.
2001US-0332131P.
2001US-0332149P.
2001US-0332149P.
2001US-0332149P.
2001US-0332149P.
2001US-0332149P.
2001US-033214P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 C; 8 G; 7 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             22
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                                                                      Best Loc
Matches
                                                                                                         Query Match
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Padigaru M, Shi
Anderson DW, Le
Macdougall JR,
Ellerman K;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Guo X, Kekuda R, Miller C., Li L, Vernet C., Gusev VY, Li L, Vernet C., Gerla Patturajan M, Liu X, Gusev VY, Li L, Vernet C., Gerla Gorman L, Shenoy SG, Pena CEA, Smithson G, Burgess CE, Gerla Gorman L, Shimkets RA, Gangolli EA, Taupier RJ, Casman SJ, Padigaru M, Shimkets RA, Gangolli EA, Taupier RJ, Casman SJ, Padroon DW, Leite MW, Rascelli L, Edinger SR, Stone DJ;
                                                                                                                                                                          The invention relates to human polypeptides, termed NOVX, and the polynucleotides encoding them. The polypeptides and polynucleotides are useful for diagnosing disease, and screening for potential therapeutic agents. The sequences are useful for treating metabolic disorders, cardiomyopathy, diabetes, hypertension, congenital heart defects, aortic stenosis, atrial septal defect (ASD), atrioventricular canal defect, ductus arteriosus, pulmonary stenosis, subaortic stenosis, ventricular septal defect (VSD), valve diseases, tuberous sclerosis, scleroderma, atherosclerosis, obesity, infectious disease, anorexia, neurodegenerative disorders, Alzheimer's disease, Parkinson's disease, immune disorders, haemophilia, hypercoagulation, Crohn's disease and cancer. This sequence represents a PCR primer used to amplify a human NOVX polynucleotide of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                              New isolated NOVX polypeptide useful for treating atherosclerosis, metabolic disorders, diabetes, obesity, infectious disease, anorexia, neurodegenerative disorders, Alzheimer's disease and cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16-JAN-2002; 2002US-0350251P.
02-APR-2002; 2002US-00114270.
                                                                                                                                          Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                           Example 83; Page 439; 666pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2003-046858/04.
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                                                                                       Local
                         5698 TTTTGCCTTCCTTTTCCTCTT
 22
                                                                      l Similarity
17; Conserv
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rrerecerrerrerrerrer 2
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                                                                      0.2%;
llarity 81.0%;
Conservative
                                                                                                                                              13
                                                                                                                                            A; 3 C; 6 G; 0 T; 0 U;
                                                                        0
                                                                                 Score 14.6; Db 1
                                     5718
                                                                        Mismatches
                                                                                                           DB 1; Length
                                                                                                                                              0 Other;
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net CAM, Zerhusen BD;
                                                                          Indels
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                                                                          Gaps
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RESULT 3446
ABZ10317/c
ID ABZ1031
Human; haematopoietic cell proliferation disorder; cytostatic; gene therapy; lymphocytic leukaemia; acute myelogenous leukaemia; cytosine methylation state; probe; primer; ss.
                                                                                                                  Synthetic.
                                                                                                                                                                                          Haematopoietic cell proliferation disorder related primer SEQ ID NO:457.
                                                                                                                                                                                                                16-JAN-2003
                                                                                                                                                                                                                                     ABZ10317;
                              26-MAR-2001; 2001US-0278333P
                                                   26-MAR-2002; 2002WO-EP003401.
                                                                        03-OCT-2002.
                                                                                              WO200277272-A2
                                                                                                                            Homo sapiens
                                                                                                                                                                                                                                                          ABZ10317 standard;
          (EPIG-) EPIGENOMICS
                                                                                                                                                 methylation state; probe; primer;
                                                                                                                                                                                                                 (first
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                                                                                                                                                                                                                entry)
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ACC42611/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CC differentiating between hematopoietic cell proliferative disorders cassociated with at least 1 gene and/or their regulatory regions in a CC subject. The method comprises contacting a target nucleic acid in a CC biological sample obtained from the subject with at least 1 reagent, CC which distinguishes between methylated and non-methylated Cpg CC dinucleotides within the target nucleic acid. ABZ09861 to ABZ11118 CC represent specifically claimed nucleotide sequences from the present CC invention. Oligonucleotides from the present invention can be used: for CC disorder haematopoietic cells; for differentiating between healthy haematopoietic cells and proliferative CC disorder haematopoietic dells; for differentiating between acute myelogenous leukaemia; as probes for CC determining the cytosine methylation state and/or single nucleotide CC polymoryphisms (SNPs) of haematopoietic cell proliferation disorder related sequences and their complements; and as primers for the CC amplification of haematopoietic cell proliferation disorder related by the complements; and as primers for the Sequences. The nucleotide sequences from the present invention can also be used for detecting a predisposition to, differentiation between subclasses, diagnosis, prognosis, treatment and/or monitoring of haematopoietic cell proliferative disorders allowing for improved and informed treatment of patients.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                          Human; PCR; primer; transgenic mouse; lymphocyte maturation; IL-3; IL-7; cytokine; interleukin-3; interleukin-6; IL-6; interleukin-7; M-CSF; SCF; macrophage-colony stimulating factor; etem cell factor; oncostatin M; OM granulocyte-colony stimulating factor; GM-CSF; LIF;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Detecting and differentiating between hematopoietic cell proliferative disorders, comprises contacting a target nucleic acid with a reagent that distinguishes between methylated and non-methylated CpG dinucleotides.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Berlin K, Braun A, Distler J,
Olek A, Piepenbrock C, Adorjan
Lewin A, Lipscher E, Maier S,
                                                                                                                                                                                                                                                                                                             26-AUG-2003
                                                                                                                                                                                                                                                                                                                                                                           ACC42611 standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The present invention describes a method for detecting and differentiating between haematopoietic cell proliferative disorders
             23-AUG-2001; 2001US-00938689.
                                              05-AUG-2002; 2002WO-US024807.
                                                                                                               WO2003018744-A2
                                                                                                                                            Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Schwope I,
                                                                                                                                                                             leukaemia inhibitory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5741
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                                                                                                                                                                                                                                                                              stem
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CCCTTTTCTTCTATTCACTCT 5761
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                                                                                                                                                                                                                                                                              cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BP;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                                                                                                                                         factor,
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                                                                                                                                                                           factor; ss.
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                                                                                                                                                                                                                                                                           SCF,
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                                                                                                                                                                                                                                                                                                                                                                              22
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                                                                                                                                                                                                                                                                            PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.6;
Pred. No. 2.
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                                                                                                                                                                                                                                                                           primer hSCF3F1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0 Other;
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G, Lesche
Mueller V,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
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ne R, Leu E
, Otto T,
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Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            a disruption in both alleles of a gene such that lymphocyte maturation does not occur and exogenous cytokines. The cytokines are selected from: interleukin-3 (II-3), interleukin-6 (II-6), interleukin-7 (II-7), macrophage-colony stimulating factor (M-CSF), granulocyte-colony stimulating factor (GM-CSF), stem cell factor (SCF), leukaemia inhibitory factor (IIF) and oncostatin M (OM). The gene disruption is in a gene that modulated VDJ recombination e.g. a RAG gene. The gene is disrupted by insertion of a transgene comprising major histocompatibility complex (MHC) Class II DR3 and DQ2 genes. The transgenic mouse is useful as a model of human disease to assess efficacy of therapeutic or prophylactic treatments, or to assess the antigenic potential of compounds. The cransgenic mouse is also useful for supporting donor haematopoietic stem cells or facilitating production of donor-specific functional immunity.
Detecting Bacillus anthracis in a sample by amplifying B.anthracis capB pagA and lef nucleic acids followed by hybridization with labelled capB pagA and lef probes, and detection by fluorescence resonance energy
                                                          WPI; 2003-450920/43.
                                                                                                                                                           15-OCT-2001;
05-FEB-2002;
                                                                                                                                                                                                                                                                                             Bacillus anthracis
                                                                                                                                                                                                                                                                                                                          Encapsulation protein B; capB; protective antigen;
lef; fluorescence resonance energy transfer; FRET;
                                                                                                                                                                                                                                                                                                                                                                                                  04-AUG-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 22 BP; 7 A; 6 C; 6 G; 3 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Example; Page 35; 70pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  New recipient mammal, preferably a mouse, useful as a model of human disease to assess efficacy of therapeutic or prophylactic treatments, for facilitating production of donor-specific functional immunity.
                                                                                                                                                                                                        10-OCT-2002; 2002EP-00022398
                                                                                                                                                                                                                                      23-APR-2003.
                                                                                                                                                                                                                                                                  EP1304387-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                               ACC71907;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ACC71907
                                                                                                                    (MAYO-)
                                                                                                                                   (HOFF)
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                                                                                                                    MAYO
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                                                                                       Cockerill FR
                                                                                                                  MEDICAL EDUCATION
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probe; ss.
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Best Local Similarity
Matches 17; Conser
 25-JAN-2001;
26-JAN-2001;
30-JAN-2001;
02-MAR-2001;
14-MAR-2001;
14-MAR-2001;
15-MAR-2001;
20-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                  Hepatotropic; immunosuppressive; cardiant; hypertensive; tranquilizer; vulnerary; virucide; antibacterial; protozoacide; fungicide; nootropic; antiparasitic; neuroprotective; cerebroprotective; antiparasitic; neuroprotective; cerebroprotective; antischorrheic; antiaddictive; analgesic; dermatological; keratolytic; antiseborrheic; antirheumatic; antiarthritic; antiinflammatory; anti-HIV; cytostatic; antiasthmatic; antisoriatic; hypotensive; osteopathic; antiulcer; anorectic; antidabetic; antiallergic; haemostatic; antiulcer; antidepressant; antiinfertility; NOVX; human disease; neuroleptic; antidepressant; antiinfertility; NOVX; human disease; parasitic infection; Alzheimer's disease; stroke; forensic biology; immunogen; non-human transgenic animal; gene therapy; PCR; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The invention relates to detecting Bacillus anthracis in a biological or non-biological sample. The method involves (a) amplifying a portion of B. anthracis encapsulation protein B (capB) and/or protective antigen (pagA) and/or lethal factor (lef) nucleic acids using specific primers; (b) contacting the sample with a pair of capB and/or pagA and/or lef probes labelled with fluorescent moieties; and (c) detecting the presence or absence of fluorescence resonance energy transfer (FRET) between the probes. The method is useful for identifying B. anthracis DNA from specimens for diagnosis of B. anthracis infection and to identifying cases of B. anthracis. The methods can also used for B. anthracis efficacy studies or epidemiology studies. The method is rapid, and allows real-time detection of B. anthracis in a biological sample or in a non-biological sample. The method is more sensitive and specific then existing assays. Sequences ACC71907-908 represent B. anthracis pagA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   existing assays. specific probes
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24-JAN-2001;
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2001US-0264117P.
2001US-02644789P.
2001US-0264478P.
2001US-0263351P.
2001US-0272870P.
2001US-02775997P.
2001US-0275990P.
2001US-0277358P.
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2001US-0263598P.
2001US-0263799P.
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Pred. No. 2
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23-MAR-2001; 2001US-0278151P.
29-MAR-2001; 2001US-0285140P.
20-APR-2001; 2001US-0285141P.
20-APR-2001; 2001US-0285141P.
30-APR-2001; 2001US-0287484P.
17-MAY-2001; 2001US-0297701P.
08-JUN-2001; 2001US-0396960P.
10-JUL-2001; 2001US-0304353P.
10-JUL-2001; 2001US-0304355P.
12-JUL-2001; 2001US-0304355P.
12-JUL-2001; 2001US-03043869P.
13-AUG-2001; 2001US-0311289P.
14-AUG-2001; 2001US-03112937P.
18-OCT-2001; 2001US-0334198P.
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Burgess CE, Vernet CAM, Kekuda R, Anderson D, Ballinger R, Gerlach V, Spy Guo X, Zerhusen B, Andrew D, Mezes P, E, Eisen A, Wolenc A, Baumgartner J, Sh M, Taupier RJ, Pena C, Shenoy S, Li L, E, Smithson G, Malyankar U, Taillon B, Padigaru M, Mille n D, Ballinger R, Miller C, Tchernev V, Zhong H; gr R, Gerlach V, Spytek KA, Ras gr R, Gerlach V, Satturajan Andrew D, Mezes P, Patturajan A, Baumgartner J, Shimkets RA, ς, H; Rastelli L; A M;
Gusev V;

## WPI; 2003-058504/05

New polypeptides, designated as NOVX, useful for diagnosing and treating infections, neurological diseases, cancer, allergy, and bone, immunological, skin, renal, brain, muscle and autoimmune disorders.

Example 1; Page 608; 672pp; English.

CC (NOVI - 31), consisting of a mature form of one of 61 sequences, given in the specification, or its variant, where amino acid residue(s) in the content of the specification, or its variant, where amino acid residue(s) in the content of the mature form, provided that the variant differs in not more than 15 % of the amino acids from the sequence of the mature form, provided that the variant differs in the content of the mature form, provided that the variant differs in the mature form, provided that the variant differs in the content of the mature of the mature form, provided that the variant differs in the content of the polypeptides, and antibody to the polypeptides, are useful for treating a syndrome associated with a human disease (NOVX-associated disorder). NOVX polypeptides and converted provided that the polypeptides and converted provided that the polypeptide and polypucleotide, by measuring the level of polypeptide converted to a disease associated with altered levels of NOVX polypeptide and polypucleotide, by measuring the level of polypeptide to NOVX polypeptide to modulate the expressing NOVX is useful for identifying an agent that binds to NOVX and a cell expressing NOVX is useful for identifying an agent that binds to NOVX and a cell expressing the NOVX is useful for identifying an agent that the converted and polypeptides are useful for identifying an agent that the polypeptides are useful for identifying an agent that the polypeptide are useful for treating or preventing disorders or syndromes or polypeptides are useful for treating or preventing disorders or syndromes infections. They can also treat disorders such as e.g., Alzheimer's disease or a stroke. The NOVX activity, NOVX mRNA, or a genetic lesion in a NOVX gene and to modulate NOVX activity. NOVX sequences are also useful for disease or a stroke are useful for desponsitional sample, to amplify the nove of the nove of

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RESULT 3451
ACA62897
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ACA89735/c
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Best Local :
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Best Local
                                                                                                                                                                             The invention describes a method of identifying polymorphic markers of herbicide resistance in a plant. The method involves: isolating genomic DNA from an herbicide susceptible plant and an herbicide resistant plant of the same species, performing genetic analysis and identifying that differences between their genomic DNA, identifying the difference that correlate with herbicide resistance or susceptibility, thus identifying polymorphic markers. The method is useful for identifying polymorphic markers of herbicide resistance in a plant e.g. Conyza canadensis, Lolium rigidum and goosegrass species, where the herbicides include glyphosate, paraquat and sulfonyl urea moleties. This sequence represents a primer associated with the identification of polymorphic markers of herbicide
                                                                                                                                                                                                                                                                                                                                                           Identifying polymorphic markers of herbicide resistance in a plant, by analyzing genomic DNA of herbicide resistant and susceptible plants, and identifying difference that correlate with resistance or susceptibility.
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                                                                                                                                                Sequence
                                                                                                                                                                                                                                                                                                                                    Example 6; Page 38; 168pp; English.
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                                                                                                                                              11 G;
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                                                                                                           Score 14.6; DB 1;
Pred. No. 2.4e+03;
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03-OCT-2003 ACC84173;

(first entry)

ACC84173 RESULT 3452

ACC84173 standard;

DNA;

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                                                                                                                    The invention describes a method of determining presence or absence of a CC desired nucleic acid (NA) that contains multiple repeats of a CC predetermined NA target sequence in a NA sample. The method involves CC providing a treated sample that may contain the desired NA in which Several predetermined repeating NA target sequences are hybridised with a CC NA probe, analysing for presence of hybridised NA containing the NA CC probe, and thereby the presence or absence of the desired NA. The method CC is useful for determining the presence or absence of desired nucleic CC acids that contain multiple repeats of a predetermined NA target Sequence, in a NA sample obtained from a biological sample, where the CC repeated sequence includes several predetermined repeated sequence that CC distinguishing human and bacterial NA. The method is highly sensitive, CC and enables detection and quantification of the presence of a NA without the need to undergo a NA target sequence enrichment step prior to a NA CC hybrid detection step. The method enables rapid and accurate detection of a desired NA that contains multiple repeate of a NA target sequence. This sequence represents a primer associated with the repeated nucleic acid detection method of the invention
                                                          Matches
                                                                      Query Match
Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Determining presence or absence of desired nucleic acids that contain multiple repeats of predetermined nucleic acid target sequences in a sample, by using nucleic acid hybridization methods.
                                                                                                                                                                                                                                                                                                                                                                                                                                            Example
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25-AUG-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Repeated nucleic acid detection method associated
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                             2539
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17; Conserv
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                          GAGCTCCAGATCCTGACGTAC 2559
 GAGCTGCAGATGCTGACCAAC
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                                                       0.2%;
ilarity 81.0%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Shultz JW;
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                                                       Score 14.6; D
Pred. No. 2.4e
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RESULT 3453
ADA45389/c
ID ADA4538
XX ADA4538
AC ADA4538
XX DT 20-NOV-
XX Human E
XX Functic
KW Gisease
KW MLH1; E
XX MLH1; E
XX US2003(
XX PN US2003(
XX PD 22-MAY-
XX PF 08-AUG-
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Best Local S
Matches 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The present sequence is that of sense primer Acb710, which was used in the PCR amplification of human butyrylcholinesterase (BChE) cDNA (see ACC84169) from pCMV/BChE. The PCR product was used in the construction of pCMV/BChE/hSA, used to prepare a BChE-hSA fusion protein in mammalian cells. The primer was also used to generate a probe for detection of a BChE transgene. The invention provides methods for large-scale production of recombinant BChE in cell culture, and in the milk and/or urine of transgenic mammals. The recombinant BChE can be used in preventing and/or treating organophosphate pesticide poisoning, nerve gas poisoning, cocaine intoxication or succinylcholine-induced apnoea
                   08-AUG-2001; 2001US-00923327.
                                                                                                                                       Functional allele profile; genetic inheritance; haplotype; population; disease; pharmacogenetic application; selective pressure; human; MSH2; MLH1; BRCA1; BRCA2; PTEN; BAP1; BARD1; p53; sequencing; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      New transgenic mammal (e.g. goat) expressing a butyrylcholinesterase (BChE) enzyme in its milk or urine, useful for large-scale production of recombinant BChE to prevent or treat organophosphate poisoning or cocaine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WPI; 2003-559148/52.
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                                                  22-MAY-2003.
                                                                                                                                                                                                      Human BRAC2 gene sequencing primer #9.
                                                                                                                                                                                                                                        20-NOV-2003
                                                                                                                                                                                                                                                                                                   ADA45389 standard;
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                                                                               JS2003096236-A1
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                                                                                                            sapiens
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17; Conserv
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                                                                                                                                                                                                                                                                                                 DNA;
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Synthetic

13-MAR-2003

US2003050268-A1

29-MAR-2002;

2002US-00112653

(KRIE/) (BERG/)

KRIEG A M. BERG D J. 29-MAR-2001; 2001US-0279642P

Immunostimulatory; antiinflammatory; dermatological; antipsoriatic; antiulcer; gene therapy; vaccine; non-allergic inflammatory disease; psoriasis; eczema; allergic contact dermatitis; latex dermatitis; inflammatory bowel disease; ulcerative colitis; Crohn's disease; ss.

Immunostimulatory nucleic acid #877

RESULT 3454

ACH03242;

ACH03242 standard;

DNA;

22 BP

25-SEP-2003

(first entry

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12-FEB-1997;
04-AUG-1997;
22-MAY-1998;
04-AUG-1998;
14-MAR-2000;
                                                                                                                                                                            The present invention relates to a method for determining a functional allele profile of a gene in a population. The method comprises identifying the nucleotide sequence of a gene of interest out of genomic DNA from each of a population of individuals identified as having a family history which indicates inheritance of functional alleles of the gene of interest, and rank ordering the frequency of occurrence of each haplotype, where the identity of the alleles containing each haplotype and the determination of their relative frequencies constitutes the functional allele profile of the gene of interest in the population. The method is useful for determining functional allele profiles which are useful in the treatment and diagnosis of diseases, for genetic and pharmacogenetic applications, and for evaluating the degree to which the gene of a genetic application are under selective pressure. The present sequence represents a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Determining a functional allele profile of a gene in a population by identifying the nucleotide sequence of a gene of genomic DNA from each the individuals with a family history of functional alleles of the gene
                                                                                                                                 Sequence
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                    7307 CITTGAGATTTGTGTTTGTGT 7327
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 CTCTTAGATTTGTGTTTTGGT 2
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                                                                                                                                                                                                                                                                                                                                                                                                                      Page 14; 28pp; English.
                                                                                                                                                                  primer used in the method of the invention.
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97US-00798691.
97US-00905772.
98US-00084471.
98US-00129134.
2000US-00524794.
                                                                                                                                  BP; 13 A; 5 C; 2 G; 2 T; 0 U; 0 Other;
                                                                  Conservative
                                                                                0.2%;
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                                                                                  Score 14.6; DB 1;
Pred. No. 2.4e+03;
                                                                  Mismatches
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RESULT 3455
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Best Local Similarity
Matches 17; Conserv
The invention relates to a method of treating or preventing allergy or asthma which comprises administering to a subject a poly-G nucleic action an aerosol formulation. The method and compositions of the present invention are useful for diagnosing and/or treating asthma and allergy especially in a hypo-responsive subject. The present sequence represent an immunostimulatory nucleic acid of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The invention describes a method of treating non-allergic inflammatory disease comprising administering to a subject having or at risk of developing a non-allergic inflammatory disease an immunostimulatory nucleic acid for prevention or treatment of the disease. The method is useful for treating non-allergic inflammatory diseases, such as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Treating allergic
                                                                                           Disclosure; Page 17;
                                                                                                                                                                                                                                                                                                                                                                                                          ds; allergy;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               psoriasis, eczema, allergic contact dermatitis, latex dermatitis or inflammatory bowel disease e.g., ulcerative colitis or Crohn's disease. This sequence represents an immunostimulatory nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Disclosure; Page 32; 229pp; English
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                                                                                                                                                                                                                                                                                                                                                                     Synthetic
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                                                                                                                                                                                                            (FOUR/)
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                                                                                                                                                                                                                            PETE/)
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                                                                                                                                                                                                          PETERSEN D I
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                                                                                                                  and/or preventing allergy or asthma using an immunostimulatory acid alone or in combination with an asthma/allergy medicament.
                                                                                                                                                                                  RL,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        non-allergic inflammatory diseases, a contact dermatitis, latex dermatitis
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                                                                                                                                                                                                                                                                                                                                                                                               immunostimulatory.
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                                                                                           English.
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Pred. No. 2
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s or inflammatory bowel
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RESULT 3456
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                                                                                                     The invention relates to a novel method for detecting and differentiating between colon cell proliferative disorders associated with at least one gene or its regulatory regions. The method comprises contacting a target nucleic acid in a biological sample obtained from the subject with at least one reagent or a series of reagents, where the reagent or series of reagents, distinguishes between methylated and non methylated CPG dinucleotides within the target nucleic acid. The molecules of the invention demonstrate cytostatic activity whilst the method may useful for detecting and differentiating between colon cell proliferative disorders, including cancers such as colon adenoma and colon carcinoma. The NNA (peptide nucleic acid) oligomers are useful as probes for
                                                                                                                                                                                                                                                                                                                                                           Adorjan F
Rujan T,
                                             Sequence
                                                                    determining cytosine methylation state or single nucleotide polymorphisms. The current sequence is that of the PCR primer invention which was used to amplify the genomic DNA region.
                                                                                                                                                                                                                                                    Claim 15;
                                                                                                                                                                                                                                                                                    Detecting and differentiating between colon cell proliferative disorders associated with a gene or its regulatory regions comprises contacting a target nucleic acid in a biological sample obtained from the subject with
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unidentified.
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0.2%;
ilarity 81.0%;
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RESULT 3458
ADC87638/c
ID ADC8763
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AC ADC8763
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ID ADC6988
XX ADC6988
XX ADC6988
XX IB-DEC-
XX IB-DEC-
XX PCF; pr
KW Adenoca
KW Cytosir
XX Unident
XX (EPIG-)
XX Unident

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                                                                                                                                                                                                                        문
                                                                                                                                                                                                                                                                            8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       This invention relates to a novel method for detecting and differentiating between lung cell proliferative disorders associated with cat least one gene and/or their regulatory regions. Specifically, it refers to a method comprising contacting a target nucleic acid in a blookiest to a method comprising contacting a target nucleic acid in a blookiest to a method comprising contacting a target nucleic acid in a blookiest to a method comprising contacting a target nucleic acid in a blookiest to distinguish between methylated and non-methylated CpG dinucleotides cresent in the target DNA. As such, it is possible to further cated in the target DNA is such, it is possible to further cated for and squamous cell carcinoma, and their respective adjacent lung tissue. The present invention describes cytostatic pligomers and DNA-oligomers that are useful as probes for determining the cytosine methylation state corsingle nucleotide polymorphisms (SNPs) of the target sequence. This colligonucleotide sequence is a primer oligomer used for the amplification of pretreated DNA (i.e. where unmethylated cytosine bases are converted to uracil), used in an exemplification of the invention.
                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local S
Matches 17
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Nimmrich 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Detecting and differentiating cytosine methylation state of genomic DNA, useful for diagnosing, treating prognosticating and/or monitoring lung cell proliferative disorders e.g. adenocarcinoma and squamous cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PCR; primer; ss; lung cell proliferative disorder; CpG dinucleotide; adenocarcinoma; squamous cell carcinoma; cytostatic; probe; PNA-oligomer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADC69887 standard; DNA; 22
      ADC87638
                                                                ADC87638 standard; DNA; 22 BP
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17; Conserv
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                                                                                                                                                                                                                           CCATTTTCTTTTACTCCCTCT 1
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nilarity 81.0%;
Conservative
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Pred. No. 2.
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ADC72985/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The invention relates to KKLF promoters from human and mouse (ADC87643) CC and ADC87646). KKLF (kidney-enriched Kruppel-like factor) is a zinc cc finger transcription factor involved in cell differentiation, cc particularly the differentiation of a precursor fat cell to a mature dipocyte, and may serve as a therapeutic target for the treatment of cc adipocyte, and may serve as a therapeutic target for the treatment of clipid scorage disorders. The invention also encompasses vectors and cc transformed cells comprising a KKLF promoter of the invention, a method cc transformed cells comprising a KKLF promoter-mediated transcription (and cc linker to a reporter gene, and a method of screening for molecules which linker to a reporter gene, and a method of screening for molecules which could be compassed to the composition are useful in treating disorders associated with defective clipid storage such as lipaemia, while KKLF promoter antisense sequences and inhibitors of KKLF transcription are useful in the treatment of clipocytes associated with excessive lipid storage, such as fatty atrophy can obssity. The present sequence represents a mouse KKLF promoter used in a reference example of the invention to determine whether an inserted mouse KKLF (mKKLF) transgene is present in a transgenic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity Matches 17; Conserv
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   New cell-differentiation promoter, useful for promoting lipid storage within a cell and in screening for substance which has lipid storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Example; SEQ ID NO 15; 60pp; Japanese.
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                          Forward PCR
                                                                                        01-JAN-2004
                                                                                                                                                                                                                    ADC72985 standard; DNA; 22 BP
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                                                                                                                                                                                                                                                                                                                                                                                                                                            4646 TGGAATTTCCTCTTTGAGGAG 4666
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                                                                                                                                                                                                                                                                                                                                                                              TGGATTTGCCTCATTGTGGAG 1
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                                                                                        (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                G; 4 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 14.6;
Pred. No. 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1;
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primer used to amplify black rat PER1 mRNA.

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RESULT 3460
ADC78996/c
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The invention relates to a novel method for determining the ability of a test compound to alter the phosphorylation of one or more human Period (PER) proteins comprising adding a test compound to a screening system comprising human casein kinase I (hCKI) delta and/or epsilon protein and one or more human Period proteins that are hPER1, hPER2, and hPER3 and determining the level of phosphorylation of a human Period protein. The method of the invention may be used for determining the ability of a test compound to alter the phosphorylation or degradation of one or more human period proteins and to determine the ability of a test compound to alter the phosphorylation or degradation of one or more human period proteins and to determine the ability of a test compound to alter the circadian rhythm of a mammal. The screening methods can be automated allowing for high through-put screening of a large number of test compounds. The current sequence is that of the forward PCR primer of the invention which was used to smaller that of the forward PCR primer of the
21-SEP-2001; 2001JP-00288719
                             17-JUL-2002; 2002JP-00208329
                                                                                                                                                                                                      Cell differentiation
                                                                                                                                                                                                                                                                                                    ADC78996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Period; PER; casein kinase I; hCKI delta; epsilon; circadian rhythm; CKI; black rat; ss; primer; PCR;
                                                                                             JP2003171316-A
                                                                                                                            Unidentified
                                                                                                                                                                         Cell differentiation
                                                                                                                                                                                                                                       01-JAN-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence
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                                                                                                                                                          anorectic;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          invention which was used to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         thuman Period proteins, e.g. for screening for a compound that can lter the circadian rhythm of a mammal, comprises using human kinase I elta and/or epsilon.
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                                                                                                                                                                                                                                                                                                                                                                                                               3239
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                                                                                                                                                                                                                                                                                                    standard;
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                                                                                                                                                          gene
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                                                                                                                                                                                                                                      (first entry)
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                                                                                                                                                        therapy;
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                                                                                                                                                                                                                                                                                                    DNA;
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                                                                                                                                                                                                      promoter
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          G; 6 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          amplify black rat PER1 mRNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 14.6;
Pred. No. 2.
                                                                                                                                                                                                      KKLF protein-related PCR
                                                                                                                                                        primer;
                                                                                                                                                                       KKLF protein; lipid-storage; obesity;
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RT-PCR.
                                                                                                                                                                                                      primer,
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Best Local
                  The present invention relates to a method (M1) for identifying (M1) animal species such as mammal, by amplifying a DNA fragment by PCR, usin DNA in a sample as the template, and animal specific game sequence primers originating in eighth sub-unit of ATP synthetase and gene sequence of mitochondria genome as primers, and detecting the amplified DNA fragment. The present sequence is a PCR primer, which was used to illustrate the method of the invention. (M1) has high sensitivity in detecting trace amounts of DNA in a sample and for detecting trace amounts.
         detecting trace of cow meat and
                                                                                                                                                           by PCR using specific primers synthetase and gene sequence amplified DNA fragment.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The present invention relates to cell differentiation promoter KKLF proteins (I, ADC78982-ADC78984) and their coding sequences (ADC78984 ADC78995). The proteins promote lipid-storage and are of the prophylaxis and treatment of lipid-storage disease e.g., obesity present sequence is a PCR primer, which was used in an example from
                                                                                                                                   Claim 7; SEQ ID NO 10; 24pp; Japanese
                                                                                                                                                                                                 Identifying animal species,
                                                                                                                                                                                                                          WPI; 2003-793234/75.
                                                                                                                                                                                                                                                                                       30-NOV-2001; 2001JP-00366120
                                                                                                                                                                                                                                                                                                                30-NOV-2001; 2001JP-00366120
                                                                                                                                                                                                                                                                                                                                                                  JP2003164287-A
                                                                                                                                                                                                                                                                                                                                                                                           Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                    primer;
                                                                                                                                                                                                                                                                                                                                                                                                                              Animal identification; ATP synthetase subunit
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Animal identification PCR primer, SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01-JAN-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADC79210;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADC79210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        prophylaxis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           invention
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 al Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                17;
                                                                                                                                                                                                                                                  DOKURITSU GYOSEI HOJIN
DOKURITSU GYOSEI HOJIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SUMITOMO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  standard;
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          bone
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          meat in mixed
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                                                                                                                                                                                    ecies, comprises amplifying DNA fragment in sample primers originating in eighth sub-unit of ATP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        s cell differentiation of disease related to
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Pred.
                                                                                                                                                                        of mitochondria genome,
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NOGYO SEIBUTSU SH
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No. 2
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          for livestock.
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lipid-storage (
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                     detecting trace amount
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RESULT 3463
ADD36771
ID ADD3677
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DT 15-JAN-
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ADD21891/c
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Best Local
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                                                                                                                                                                                                                        The invention comprises a method for preparing nucleotides that control translation efficiency of proteins. The nucleotides of the invention ar useful for increasing efficiency during protein synthesis. The present DNA sequence is used in the exemplification of the invnetion.
          cervical carcinoma; L1 gene; E6 gene; HPV16; HPV18; HPV; cervical cancer; cervical cell; cervix; PCR; primer; ss.
                                                                                                                                                                                                                                                                                     Preparing translation controlling nucleotides used efficiency during protein synthesis.
                                    Human papillomavirus E6
                                                      15-JAN-2004
                                                                        ADD36771
                                                                                         ADD36771 standard; DNA;
                                                                                                                                                                                                        Sequence 22
                                                                                                                                                                                                                                                                    Claim 11; Page 60; 87pp; Japanese.
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                                                                                                                                                                                                                                                                                                                                                                                   27-DEC-2002; 2002WO-JP013756
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                        nucleotide production; translation efficiency; protein synthesis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Protein translation efficiency-related DNA sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADD21891;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADD21891 standard; DNA;
                                                                                                                                                                                                                                                                                                                                                  (ENDO/)
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                                                       (first entry)
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                                  gene-specific PCR primer 251.
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                                                                                                                                                                             Score 14.6;
Pred. No. 2.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22
                                                                                                                                                                       Mismatches
                                                                                                                                                                             2.4e+03
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                                                                                                                                                                             RESULT 3464
ADD37020
                                                                                                                                                                                                                                                             Best
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                                                                                        cervical carcinoma; L1
cervical cell; cervix;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WPI; 2003-587136/55.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WO2003057914-A2
  07-JAN-2002; 2002GB-00000239
                                     17-JUL-2003.
                                                       WO2003057914-A2
                                                                      Human papillomavirus.
                                                                                                                                     15-JAN-2004
                                                                                                                                                      ADD37020;
                                                                                                                                                                       ADD37020 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Karlsen F;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (NORC-) NORCHIP AS. (ALLA/) ALLARD S J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human papillomavirus.
                                                                                                                                                                                                                                                             Local
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                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                    Conservative
                                                                                                                                     (first entry)
                                                                                                                                                                       DNA;
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papillomavirus mRNA for use in the screening of human female subjects to assess their risk of developing cervical carcinoma. The invention comprises screening the subject for expression of mRNA transcripts from the L1 gene and the E6 gene of human papillomavirus, where subjects positive for expression of L1 and/or E6 mRNA are scored as being at risk of developing cervical carcinoma. The presence of the human papillomavirus (in particular HPV16 and HPV18) has been associated with cervical cancer in numerous epidemiological studies. The methods of the invention are useful for screening human subjects to assess their risk of developing cervical carcinoma, or for identifying human subjects having abnormal cell changes in the cervix. The present sequence is that of a secretary of the cervix. The present sequence is that of a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               An in vitro method of screening human subjects to assess their risk of developing cervical carcinoma, comprises screening the subject for expression of mRNA transcripts from the L1 gene and the E6 gene of human papillomavirus.
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                                                                                                                                                                                                                                                                                Sequence 22 BP; 4 A; 10 C; 1 G; 7 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           This invention relates to a novel method for the detection of human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Disclosure; Page 55; 102pp; English.
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                                                                                                                                                                                                                                                                                                                                                            papillomavirus in the method of the
                                                                                                                                                                                                                                                                                                                                                                                                      preferred PCR primer which may be used to amplify the
                                                                    5647 ACCCCCAGCCTCATCCTCTTA 5667
ATCCTCATCCTCATCCTCTGA 22
                                                                                                                                                                              81.0%;
                                                                                                                                                                                                                    0.2%;
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                                                                                                                                                                                  Pred. No.
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                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                                                                                    invention.
                                                                                                                                                                                  .4e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                      of human
                                                                                                                                                Gaps
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07-JAN-2003; 2003WO-GB000034
                                                                                                                                                                                                                                                                                      Human papillomavirus E6 gene-specific PCR primer/probe Seq ID133.
                                                                                                                                                                                                             gene; E6 gene; HPV16; HPV18; HPV; cervical cancer;
PCR; primer; probe; ss.
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RESULT 3465
ADD22074
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              assess their risk of developing cervical carcinoma. The invention comprises screening the subject for expression of mRNA transcripts from the L1 gene and the E6 gene of human papillomavirus, where subjects positive for expression of L1 and/or E6 mRNA are scored as being at risk of developing cervical carcinoma. The presence of the human papillomavirus (in particular MPV1B) has been associated with cervical cancer in numerous epidemiological studies. The methods of the invention are useful for screening human subjects to assess their risk of developing cervical carcinoma, or identifying human subjects having abnormal cell changes in the cervix. The present sequence is that of a PCR primer (which may also be suitable as a probe) which may be used to amplify the E6 gene of human papillomavirus in the method of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HPV E6 gene transcribed mRNA detecting oligonucleotide,
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                                                                                                                                                                                                                                                     07-JAN-2003; 2003WO-GB000030
                                                                                                                                                                                                                                                                                                             17-JUL-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E6; human papillomavirus; HPV; NASBA; primer; PCR; 88
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WPI; 2003-587141/55
                                                                                                                                                                                             07-JAN-2002; 2002GB-00000258
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   This invention relates to a novel method for the detection of human
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                                                                                                          (NORC-) NORCHIP AS. (ALLA/) ALLARD S J.
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Similarity 81.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                        type
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10 C; 1 G; 7 T; 0 U; 0 Other;
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Pred. No. 2.4e+03;
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뭉 5

New oligonucleotide primer and probe for detecting the presence of

Disclosure;

Page 25; 28pp; English

New oligonucleotide primer and probe for detecting the presence of mRNA transcripts from the E6 gene of a human papillomavirus in clinical

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ADD22346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     detecting make transcribed from the E6 gene of a human papillomavirus (HPV). The oligonucleotide comprises any of the 133 fully defined comprises any of the 133 fully defined compresses are sequences having 17-26 bp given in the specification. The invention compression of the specification of the invention compression of the preparation of a nucleic acid isolated from the test sample suspected of containing HPV, comprising performing an amplification reaction on a containing the property of the preparation of the mENA transcribed from the E6 gene of HPV, where the contigonucleotide cited above. The invention also provides: a reagent kit of coligonucleotide cited above. The invention also provides: a reagent kit coligonucleotide cited above. The invention also provides: a reagent kit contains and, optionally, an enzyme mixture comprising an oligonucleotide primer-pair and, optionally, an enzyme mixture comprising an enzyme and enzymerase that recognises that hydrolyzes the RNA strand of an RNA contains and the primer oligonucleotide sequence present in at the coligonucleotide of the invention is useful in detecting mRNA contains the E6 gene of HPV in clinical samples. This contains more contains makes. This movention of the invention of the 133 oligonucleotides used the invention of the superior of the invention of the E6 gene of a human papillomavirus contains and the paper of the invention of the E6 gene of the summary of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local
                                                                                                                                                                                                                                                                   07-JAN-2003; 2003WO-GB000030
                                                                                                                                                                                                                                                                                                    17-JUL-2003.
                                                                                                                                                                                                                                                                                                                                     WO2003057927-A2
                                                                                                                                                                                                                                                                                                                                                                     Human papillomavirus
                                                                                                                                                                                                                                                                                                                                                                                                      E6; human
                                                                                                                                                                                                                                                                                                                                                                                                                                    HPV E6 gene transcribed mRNA detecting RT-PCR primer #78.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADD22346 standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        transcripts from the E6 gene of a human papillomavirus in clinical
                                                                                                                WPI; 2003-587141/55
                                                                                                                                                 Karlsen
                                                                                                                                                                                (NORC-) NORCHIP AS. (ALLA/) ALLARD S J.
                                                                                                                                                                                                                                 07-JAN-2002; 2002GB-00000258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        15-JAN-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADD22346;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Claim 1; SEQ ID NO 113; 28pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Bamples
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                                                                                                                                                                                                                                                                                                                                                                                                      papillomavirus;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (first entry)
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                                                                                                                                                                                                                                                                                                                                                                     type
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                                                                                                                                                                                                                                                                                                                                                                                                      HPV;
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Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                      NASBA;
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                                                                                                                                                                                                                                                                                                                                                                                                      primer;
                                                                                                                                                                                                                                                                                                                                                                                                        RT-PCR; 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length
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RESULT 3467
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XX AAD6260
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XX WS65897
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Best Local S
Matches 17
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10-JUL-1990;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Amplification; human immunodeficiency virus; environmental testing; detection; diagnostic testing; PCR; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CML chromosomal translocation t(9;22) PCR primer #3.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 22
                                                                                                                                                                    New oligonucleotide probe, useful in detecting HIV nucleic sample and for environmental and diagnostic testing.
                                                                                                                                                                                                                                         WPI; 2003-810379/76.
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                                                                                                                                                                                                                                                                                                                                       (GENP-) GEN-PROBE INC
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                                                                                                                                                                                                                                                                                        Fultz TJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (first entry)
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90US-00550837.
95US-00469067.
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                                                                                                                   62pp;
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                                                                                                                      English.
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0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1; Length 22;
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The invention relates to oligonucleotides useful in amplifying and detecting human immunodeficiency virus (HIV) nucleic acid in a sample The invention is used for environmental testing, diagnostic testing, research studies and for the preparation of reagents or materials for

sample

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RESULT 3468
ADE77598/c
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      뭉
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This invention relates to a novel method for the concurrent interrogation CC of a number of polymorphic sites in the presence of, and without CC interference from, non-designated polymorphic sites. Specifically, it CC comprises conducting a multiplexed elongation assay by applying one or CC more temperature cycles to achieve linear amplification of the target or CC a combination of annealing and elongation steps under temperature controlled conditions. Furthermore, this detection method uses probe extension or elongation and relies on enzymatic recognition, a superior CC technique that no longer depends on differential hybridisation. The CC present invention describes probes and methods useful for identifying or detecting polymorphisms at one or more designated sites, such that they CC can identify mutations within the cystic fibrosis conductance transmembrane regulator (CFTR) or the human leukocyte antigen (HLA) concurrent interrogation of a multiplicity of polymorphic sites is useful for genetic testing, carrier screening, concurrent interrogation of a multiplicity of oligonucleotide is the human reverse PCR primer used for HLA-DR typing in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 17;
                                                                                                                                                                                                                                                                                                                                                     Concurrent interrogation of a number of polymorphic sites, useful for genetic testing, carrier screening, genetic profiling, and identity testing, comprises conducting a multiplexed elongation assay using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PCR; primer; ss; human; CFTR; human leukocyte antigen; HLA; genetic testing; carrier screening; genotyping; profiling; multiplexed elongation assay; enzymatic recognition; cystic fibrosis conductance transmembrane regulator.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cloning or other purposes. The present translocation t(9;22) PCR primer. This
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15-OCT-2001; 2001US-0329427P.
15-OCT-2001; 2001US-0329428P.
15-OCT-2001; 2001US-0329619P.
15-OCT-2001; 2001US-0329620P.
14-MAR-2002; 2002US-0364416P.
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                                                                                                                                                                                                                                                                                                                                    probes.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Li AX,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human reverse PCR primer used for HLA-DR typing
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                                                                                                                                                                                                                                                                                                     Example
                                                                                                                                                                                                                                                                                                                                                   testing,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (BIOA-)
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                                                                                                                                                                                                                                                                                                     7;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BIOARRAY SOLUTIONS LTD
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                                                                                                                                                                                                                                                                                                     Page 45; 143pp; English.
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Pred. No. 2
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RESULT 3469
ADE84293/c
        between lymphoid cell proliferative disorders associated with at least C one gene and/or their regulatory regions in a subject by contacting a CC target nucleic acid in a biological sample obtained from the subject with CC at least one reagent or series of reagents that distinguish between CC methylated and non-methylated CpG dinucleotides within the target nucleic acid. The genes and/or their regulatory regions are preferably selected CC from MDR1, CSNKDB, EGR4, AR, CDK4, RB2, CDC3A, Oprib beta, WYOD1, CDH3, CC GSTP1, HIC-1, MGNT, MLH1, MGS, MYC, PTSM, RB12, TGFBR2, TP73, CDKNIC, CC GSTP1, HIC-1, MGNT, MLH1, MGS, MYC, PTSM, RB12, TGFBR2, TP73, CDKNIC, CC GSKJbetta, ESR1, APAF1, BAK1, BAX or HOXA5, Oligomers, peptide nucleic acid (PNA)-oligomers and/or isolated nucleic acids based on the sequences of the genes are useful for detecting the methylation state of all the CC goldnucleotides within one or more the sequences, or their complements, CC or determining the cytosine methylation state and or single nucleotide polymorphisms (SNPs), and for differentiating at least two of the medical CC conditions such as diffuse large 8-cell lymphoma, mantle cell lymphoma, CC chronic lymphocytic luekemia, small lymphocytic lymphoma and follicular lymphoma. They are also useful for detecting of a predisposition to, differentiation between subclasses, diagnosis, prognosis, treating and/or
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Best Local S
Matches 17
                                                                                                                                                                                                                                                                                                                                                                                                              Detecting and differentiating between lymphoid cell proliferative disorders comprises contacting a target nucleic acid with at least one reagent that distinguishes between methylated and non-methylated CpG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            methylated CpG dinucleotide; single nucleotide polymorphism; diffuse large 8-cell lymphoma; mantle cell lymphoma; chronic lymphocytic leukemia; small lymphocytic lymphoma; follicular lymphoma; diagnosis; prognosis; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                  Claim 11; SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        23-NOV-2001;
28-DEC-2001;
                                                                                                                                                                                                                                                                                                                                The invention relates to a method of detecting and differentiating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Burger M,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25-NOV-2002; 2002WO-EP013265
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADE84293;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human lymphoid cell proliferative disorder pre-treated DNA primer #77.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              exemplification of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1610
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2003-457621/43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EPIGENOMICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AGAACTTCACAGACCAGCTGC 1630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AGAGCTTCACAGTGCAGCGGC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Caldwell C,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BP; 3 A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2001DE-01057491
2001DE-01064501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (first
                                                                                                                                                                                                                                                                                                                                                            ID NO 289; 448pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               proliferative disorder; methylation;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ಕ್ಷ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8 C; 6 G; 5 T; 0 U;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Genc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 14.6;
Pred. No. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      æ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Becker E,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Maier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ω
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Nimmrich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           22;
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RESULT 3470
ADE47973/c
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Best Local (
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                                                                                                                     02-AUG-2001;

03-AUG-2001;

08-AUG-2001;

09-AUG-2001;

11-AUG-2001;

17-AUG-2001;

17-AUG-2001;

21-AUG-2001;

21-AUG-2001;

23-AUG-2001;

23-AUG-2001;

23-AUG-2001;

23-AUG-2001;

23-AUG-2001;

23-AUG-2001;

24-AUG-2001;

25-AUG-2001;

27-AUG-2001;

29-AUG-2001;

21-AUG-2001;

21-AUG-2002;

21-AUG-2002;

21-AUG-2002;

21-AUG-2002;

21-AUG-2002;

21-AUG-2002;

21-AUG-2002;

21-AUG-2002;

21-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        monitoring of lymphoid cell proliferative disorder. represents a PCR primer used to amplify the nucleic genomic DNA derived from the above mentioned genes.
                                                                                                                                                                                                                                                                                                                                                                                                                                    02-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             human; cardiant; antiarteriosclerotic; hypotensive; immunosuppressive; dermatological; anorectic; cytostatic; antidiabetic; haemostatic; anti-HIV; antiasthmatic; antibacterial; virucide; neuroprotective; nootropic; antiparkinsonian; antilipaemic; gene therapy; vaccine; PCR;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADE47973
                                                                                                                                                                                                                                                                                                                                                                                                                                                            18-SEP-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WO2003076642-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     primer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human NOVX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29-JAN-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5741 CCCTTTTCTTCTATTCACTCT 5761
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17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     88.
                                                                                  CURAGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CCATTITCTTTTACTCCCTCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             reverse PCR primer
                                                                                                        2001US-0313201P
2001US-0313702P
2001US-031403P
2001US-031466P
2001US-0315803P
2001US-0315803P
2001US-0316508P
2001US-0323936P
2002US-0323936P
2002US-0354655P
2002US-0354655P
2002US-0361764P
2002US-0373825P
2002US-0380971P
2002US-0380971P
2002US-0380971P
2002US-0380971P
2002US-0380971P
2002US-0383871P
2002US-03838871P
2002US-03838871P
2002US-03838871P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 BP; 11 A; 0 C; 8 G; 3 T;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                  2001US-0312203P.
2001US-0313156P.
                                                                                                                                                                                                                                                                                                                                                            2001US-0311979P
                                                                                                                                                                                                                                                                                                                                                                          2001US-0311292P
                                                                                                                                                                                                                                                                                                                                                                                                                                      2002WO-US024459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (first
                                                                                   CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     entry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ВP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 14.6; DB 1;
Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   This
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           22;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   sequence
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Pena CEA, Si Boldog FL, I Vernet CAM, Burgess CE, Chaudhuri A,

D, Patturajan M, Kekuda R, Miller CE, Rieger DK; Shimkets RA, Li L, Berghs C, Zhong M, Casman SJ, Voss Padigaru M, Smithson G, Shenoy SG, Ji W, Gorman L; Leite MW, Guo X, Anderson DW, Spytek KA, Gerlach VL; Khramtsov NV, Ort T, Ellerman K, Rastelli L, Agee ML; A, Chant JS, Dipippo VA, Edinger SR, Eisen A, Gangolli

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ΕZ

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ADE16082/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 17; Conserv
03-APR-2001;
05-APR-2001;
05-APR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     neuroprotective, nootropic, antiparkinsonian, and antilipaemic activity. A polynucleotide encoding a polypeptide of the invention may have a use in gene therapy, and as a vaccine. A polypeptide of the invention is useful in the manufacture of a medicament for treating a syndrome associated with a human disease, the disease selected from a pathology associated with the polypeptide. These may also be used in diagnosing, treating or preventing NOVX-associated disorders such as cardiomyopathy, atherosclerosis, hypertension, scleroderma, obesity, cancer, diabetes, maultiple sclerosis, infections, scleroderma, obesity, cancer, diabetes, multiple sclerosis, infections, anorexia, cancer-associated cachexia, neurodegenerative disorders (e.g. Alaheimer's disease or Parkinson's disease), haematopoletic disorders, dyslipidaemias and other wasting disease).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Giot L,
Taupier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   disorders associated with chronic diseases. The nucleic acids are also used as hybridisation probes, in chromosome mapping, tissue typing, preventive medicine, and pharmacogenomics. The polypeptides are also
                                                                      03-APR-2002;
                                                                                                                                                                                                      virucide; rungicide; cytosumata, moralipaemic; neurogenesis; antiparkinsonian; haemostatic; antilipaemic; neurogenesis; wound healing; cell differentiation; cell proliferation; hematopoiesis; wound healing; angiogenesis; gene therapy; chromosome mapping; tissue typing; angiogenesis; gene therapy; chromosome mapping; tissue typing; selection; pharmacogenomics; human; PCR; primer; ss.
                                                                                                                                                                                                                                                                                  G-coupled protein receptor; antidiabetic; anorectic; antibacterial; virucide; fungicide; cytostatic; nootropic; neuroprotective;
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADE16082 standard; DNA; 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 22 BP;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    preventive medicine, and pharmacogenomics. The polypeptides are also useful as vaccines. The present sequence represents a PCR primer used in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      atherosclerosis, asthma or AIDS, and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         New NOVX
                                                                                                                                            WO200283841-A2
                                                                                                                                                                              Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       immunosuppressive, dermatological, anorectic, cytostatic, antidiabetic, haemostatic, anti-HIV, antiasthmatic, antibacterial, virucide,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   pharmacogenomics.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          invention has cardiant, antiarteriosclerotic, hypotensive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  49;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    polypeptides and nucleic acids, NOVX-associated disorders, e.g.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GGGTCCAGTCATTCACCAGCA 5258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ooi CE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GGTTCCAGTGATTTACCAGAA 1
                                                                                                                                                                                                                                                                                                                                          protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 335; 562pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Catterton
 2001US-0281136P.
2001US-0281863P.
2001US-0281906P.
                                                                      2002WO-US010713.
                                                                                                                                                                                                                                                                                                                                                                             (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                relates to a novel (NOVX) human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Rothenberg ME,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ₽
                                                                                                                                                                                                                                                                                                                                          receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5 C; 4 G; 6 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            81.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            M
                                                                                                                                                                                                                                                                                                                                                                                                                                                  В₽
                                                                                                                                                                                                                                                                                                                                            related forward PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 14.6; DB 1;
Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Spaderna SK,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    e.g. cancer, diabetes,
d in chromosome mapping, tissue typing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      useful for preventing cancer, diabetes,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             polypeptide. A polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
                                                                                                                                                                                                                                                                                                                                          primer,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Hjalt T,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                            SEQ ID
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20-APR-2001; 2001US-0285609P.
23-APR-2001; 2001US-0285890P.
23-APR-2001; 2001US-0285890P.
24-APR-2001; 2001US-0286068P.
27-APR-2001; 2001US-0287213P.
03-MAY-2001; 2001US-0298509P.
31-MAY-2001; 2001US-0294495P.
31-MAY-2001; 2001US-0294495P.
31-MAY-2001; 2001US-039216P.
25-SEP-2001; 2001US-039216P.
                                                                                                                                                                                                                                                                                                                                                                                                               10-APR-2001;
13-APR-2001;
13-APR-2001;
13-APR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                    13-APR-2001;
17-APR-2001;
                                                                                                                                                                                                                                                                                                                                                                                             19-APR-2001;
                                                                                                                                                                                                                                                                                                     (CURA-)
                                                                                                                                                                                                                                                                                        Gerlach V,
                                                                                                                                                                                                                                                                                                     CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                          2001US-0283687P.
2001US-0283710P.
2001US-0284234P.
2001US-0285325P.
2001US-0285325P.
2001US-0285609P.
2001US-0285748P.
2001US-02857890P.
                                                                                                                                                                                                                                                                                                                                                                                                                       2001US-0282934P
2001US-0283657P
2001US-0283678P
                                                                                                                                                                                                                                                                                                                 2001US-0333900P
2002US-00115479
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Voss EZ, Shimkets RA, rlach V, Liu X, Miller CE, Spytek KA, Shenoy SG, Zhong H, Smithson G, Casma Vernet CAM, Macdougall JR, Rastellii L, Mezes PD, Furtak K, Patturajan M, Burg RA, Taupier RJ, Edinger SR, Mazur A; Burgess CE, Casman Zerhusen BD; an SJ, Boldog FL; Anderson DW; Malyankar UM;

WPI; 2003-067574/06.

New isolated NOVX polypeptides and polynucleotides, useful for preventing, diagnosing or treating NOVX-associated disorders e diabetes, obesity, dyslipidemias, cancer, Parkinson's disease, Alzheimer's disease, infections. e.g.

Example 27; SEQ ID NO 112; 320pp; English.

virucide, fungicide, cytostatic, nootropic, neuroprotective, antiparkinsonian, haemostatic, and antilpaemic. The G-coupled protein receptor related polypeptides are useful in a method of treating or preventing in a human, a pathology associated with the G-coupled protein receptor related polypeptides. The polypeptides are useful in the manufacture of a medicament for treating a syndrome associated with a human disease, preferably a NOVX-associated disorder. The novel polypeptides are useful for treating, preventing or diagnosing diseases, such as metabolic disorders, diabetes, obesity, infectious diseases, annorexia, cancer-associated diseases, neurodegenerative disorders, hamatopoietic disorders, and various dyslipidaemias, metabolic disturbances associated with obesity, metabolic X syndrome and wasting disorders associated with obesity, metabolic X syndrome and wasting disorders associated with obesity, metabolic X syndrome and wasting disorders associated with chronic diseases and various cancers. The nucleic acids and polypeptides may also be used as targets for the identification of small molecules that modulate or inhibit e.g. neurogenesis, call differentiation, cell proliferation, hematopoiesis, wound healing and angiogenesis, in gene therapy, in generation of antibodies that bind immunospecifically to NOVY substances for use in therapeutic or diagnostic methods. The nucleic The invention relates to a novel isolated G-coupled protein receptor related polypeptides. The novel polypeptide comprise any of the 22 full defined sequences of 87-1780 mino acids, given in the specification; their mature forms; and possible variants. The novel polypeptides have the following activities; antidiabetic, anorectic, antibacterial, acids are further used as hybridization probes, in chromosome mapping, tissue typing, preventive medicine, and pharmacogenomics. This polynucleotide sequence represents a primer relating to the novel G-coupled protein receptor related polypeptides of the invention. fully NOVX

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	Mpp1     c1707     15.2     0.       App     c1708     15.2     0.       App     c1709     15.2     0.       Mpp1     c1710     15.2     0.       Mpp1     c1711     15.2     0.	C1705 15.2 0.	1703 15.2 0.	1701 15.2 0. 61702 15.2 0.	1700 15.2 0.	p1 1697 15.2 0.	pp c1696 15.2 0.	(1694 15.2 0.	pp 1692 15:2 0:	1691 15.2 0.	pl 1689 15.2 0. pl 1690 15.2 0.	c1688 15.2 0.	1686 15.2 0. 1687 15.2 0.	C1685 15.2 0.	c1683 15.2 0.	1681 15.2 0. c1682 15.2 0.	1679 15.2 0. 1680 15.2 0.	c1677 15.2 0. 1678 15.2 0.	1675 15.2 0. c1676 15.2 0.	1674 15.2 0.	1672 15.2 0.	C1670 15.2 0.	1668 15.2 0.	C1666 15.2 0.	c1664 15.2 0.	c1662 15.2 0. 1663 15.2 0.	1660 15.2 0.	1659 15.2 0.	1657 15.2 0.	c1655 15.2 0.	C1654 15.2 0.	C1652 15.2 0.	c1650 15.2 0. 1651 15.2 0.	C1648 15.2 0. 1649 15.2 0.	C1647 15.2 0.	1645 15.2 0.	C1643 15.2 0.	1642 15.2 0.
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RESULT 1 US-10-131-827-3049

ALIGNMENTS

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Sequence 3049, Application US/10131827

Publication No. US20040009479A1

GENERAL INFORMATION:

APPLICANT: Wohlgemuth, Jay

APPLICANT: Wohlgemuth, Jay

APPLICANT: Woodward, Robert

APPLICANT: Ly, Ngoc

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE

TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES

FILE REFERENCE: 506612000120

CURRENT APPLICATION NUMBER: US/10/131,827

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PRIOR APPLICATION NUMBER: US 10/006,290

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PRIOR APPLICATION NUMBER: US 60/296,764

PRIOR FILING DATE: 2001-06-08

NUMBER OF SECT IN NOS. 0000
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SOFTWARE: PATENTIN Ver. 2
SEQ ID NO 633
LENGTH: 44
TYPE: DNA
ORGANIEM: Homo Bapiens
US-09-984-429-633
                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/984,429
CURRENT FILING DATE: 2001-10-30
PRIOR APPLICATION NUMBER: 60/244,591
PRIOR FILING DATE: 2000-11-01
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PRIOR APPLICATION NUMBER: 60/061,463
PRIOR PILING DATE: 1997-10-09
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PRIOR APPLICATION NUMBER: 60/061,527
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PRIOR APPLICATION NUMBER: 60/061,527
PRIOR APPLICATION NUMBER: 60/061,527
PRIOR APPLICATION NUMBER: 60/061,536
PRIOR PELING DATE: 1997-10-09
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; ORGANISM: Homo sapiens
US-10-131-827-3049
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US-09-984-429-633/c
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 3049
LENGTH: 50
Best Loc
Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 50; Conserv
                                             Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Rosen et al. TITLE OF INVENTION: 53 Human Secreted Proteins FILE REFERENCE: PZ018P2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local 5.
                   Local
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Similarity 81.4%;
35; Conservative
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ilarity 100.0%;
Conservative (
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                       Score 30.2;
Pred. No. 11;
  Mismatches
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APPLICANT: Nakamura, Yuho
APPLICANT: Sekine, Akihiro
APPLICANT: Sida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
SEQ ID NO 2291
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US-10-418-182-90
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                                                                                       RESULT 5
US-10-035-833A-3697
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Sequence 3697, Application US/10035833A Philication No. US20040072158A1 GENERAL INFORMATION: APPLICANT: Nakamura, Yuho APPLICANT: Sekine, Akihiro
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 90
LENGTH: 36
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Publication No. US20030228302A1
GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 77.5%;
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|larity 93.5%;
|Conservative
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Pred. No. 21;
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Pred. No. 38
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US-10-357-322-4

Sequence 4, Application US/10357322 Publication No. US20030180768A1 GENERAL INFORMATION: APPLICANT: Ranum et al.

APPLICANT: Ranum et al.
TITLE OF INVENTION: SCA7 GENE AND METHODS OF
FILE REFERENCE: Regents of the University of
CURRENT APPLICATION NUMBER: US/10/357,322

Minnesota

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APPLICANT: WENZ, H. MICHAEL
APPLICANT: SCHOTH, GARY P.
APPLICANT: SCHOTH, GARY P.
APPLICANT: SCHOTH, GARY P.
APPLICANT: SCHOTH, GARY P.
APPLICANT: CHEN, CAIFU
TITLE OF INVENTION: METHODS FOR QUANTITATING NUCLEIC ACIDS USING COUPLED
TITLE OF INVENTION: LIGATION AND AMPLIFICATION
FILE REFERENCE: 07414.0030-00000
CURRENT APPLICATION NUMBER: US/10/011,993
CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: PC/US01/17329
PRIOR APPLICATION NUMBER: 09/724,755
PRIOR APPLICATION NUMBER: 09/724,755
PRIOR APPLICATION NUMBER: 09/584,905
PRIOR PILING DATE: 2000-11-28
PRIOR PILING DATE: 2000-05-30
PRIOR FILING DATE: 2000-05-30
PRIOR FILING DATE: 2000-05-30
PRIOR FILING DATE: 2000-05-30
PRIOR FILING DATE: 2000-05-30
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; SEQ ID NO 3697
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-3697
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                                                                                                                                                                                                                                 ; OTHER INFORMATION: This sequence may encompass 1-10 cag repeats US-10-011-993-35
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RESULT 7
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SEQ ID NO 35
LENGTH: 30
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                                                                                                                                              Query Match
Best Local Similarity
Matches 27; Conserv
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TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
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OTHER INFORMATION:
OTHER INFORMATION:
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31; Conserva
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                                                                                                                                                  0; Mismatches
                                                                                                                                                                      Score 25.8;
Pred. No. 3;
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                                                                                                                                                                                           DB 1; Length 30;
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; NAME/KEY: misc_feature ; LOCATION: (1)...(1) ; OTHER INFORMATION: n is a deoxyadenosine residue modified in 5' with an epiandroster ; OTHER INFORMATION: one disulfide-gold nanoparticle-epiandrosterone disulfide conjugation to the conjugation of the conjugati
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US-10-194-138-15/c
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Best Local Similarity
Matches 27; Conserv
                       Sequence 4, Application US/10447073
Publication No. US20040096856A1
GENERAL INFORMATION:
APPLICANT: Garimella, Viswanadham
APPLICANT: Bernal, Yasmith
TITLE OF INVENTION: Method for Attachment of Silylated Molecules
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APPLICANT: Nanosphere, Inc.
APPLICANT: Garimella, Viswanadham
TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
FILE REFERENCE: 01-897-B
CURRENT APPLICATION NUMBER: US/10/194,138
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: 60/363472
PRIOR APPLICATION NUMBER: 2002-03-12
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Best Local Similarity
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SOFTWARE: PatentIn Ver. :
SEQ ID NO 4
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PRIOR APPLICATION NUMBER: US/09/684,843
PRIOR FILING DATE: 2000-10-06
PRIOR APPLICATION NUMBER: 60/056,170
PRIOR APPLICATION NUMBER: 60/056,170
PRIOR TILING DATE: 1997-08-19
PRIOR APPLICATION NUMBER: 09/135,994
PRIOR FILING DATE: 1998-08-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/305369
PRIOR FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 32
FILE REFERENCE: 02-334-A
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TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: oligonuclectide probe modified with gold nanoparticle
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ilarity 93.1%;
Conservative
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Pred. No. 34;
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Pred. No. 3
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RESULT 11 US-09-984-429-652/c

Sequence 652, Application US/09984429 Publication No. US20040010132A1 GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: 53
FILE REFERENCE: PEOLBPE
CURRENT APPLICATION NUMBER: US/09/984,429
CURRENT FILING DATE: 2001-10-30
PRIOR APPLICATION NUMBER: 60/244,591
PRIOR PILING DATE: 2000-11-01

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APPLICANT: WU, MING
APPLICANT: WU, MING
APPLICANT: LIU, YEN PING
APPLICANT: LIU, YEN PING
TITLE OF INVENTION: ISOTHERWAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
TITLE OF INVENTION: ISOTHERWAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
TILE REFERENCE: 3817.05-1
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: 60/312,505
PRIOR APPLICATION NUMBER: 60/312,505
PRIOR APPLICATION NUMBER: 60/312,505
PRIOR PILING DATE: 2001-08-14
NUMBER OF ESG ID NOS: 49
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 34
LENGTH: 39
TWOS. NAN
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CURRENT FILING DATE: 2003-05-28
PRIOR APPLICATION NUMBER: US 60/383,564
PRIOR FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
LENGTH: 32
TYPE: DNA
ORGANISM: artificial
                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide US-10-219-195-34
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US-10-219-195-34
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                                                                    Matches
                                                                                Query Match
Best Local Similarity
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ORGANISM: Artificial Sequence
FEATURE:
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LOCATION: (1)...(1)
OTHER INFORMATION: n = epiendrosterone
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OTHER INFORMATION: Probe
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                                  4464 TTTTTTTTTTTTTT
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TTTTTTTTTTTTTTTTTCTCTTGGGA 37
          Conservative
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                                                                                Score 25.8;
Pred. No. 52;
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Pred. No. 3
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                                                                    Gaps
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APPLICATION NUMBER: 09/288,143

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RESULT 13
US-09-940-227-49/c
US-09-940-227-49/c
; Sequence 49, Application US/09940227
; Publication No. US20030017468A1
; GENERAL INFORMATION:
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US-10-219-195-38
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; ORGANISM: Homo sapiens
US-09-984-429-652
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PRIOR APPLICATION NUMBER: 60/061,463
PRIOR FILING DATE: 1997-10-09
PRIOR APPLICATION NUMBER: 60/061,529
PRIOR PILING DATE: 1997-10-09
PRIOR PILING DATE: 1997-10-09
PRIOR FILING DATE: 1997-10-09
PRIOR FILING DATE: 1997-10-09
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: WU, MING
APPLICANT: LIU, YEN PING
APPLICANT: LIU, YEN PING
APPLICANT: LIU, YEN PING
TITLE OP INVENTION: ISOTHERWAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
PILE REFERENCE: 3817.05-1
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: 60/312,505
PRIOR APPLICATION NUMBER: 60/312,505
PRIOR FILING DATE: 2001-08-14
NUMBER OF EQ ID NOS: 49
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 38
LENGTH: 39
LENGTH: 39
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Publication No. US20030165917A1
GENERAL INFORMATION:
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Best Local Similarity 87.5%;
Matches 28; Conservative
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Best Local
                                                                                                                                                                                                                        Matches
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PRIOR APPLICATION NUMBER: 60/061,532
PRIOR FILING DATE: 1997-10-09
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PRIOR FILING DATE: 1997-10-09
PRIOR APPLICATION NUMBER: 60/061,536
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APPLICANT: Chen,
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                            FEATURE:
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APPLICATION NUMBER: PCT/US98/21142
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Sei Yu
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Pred. No. 6
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Pred. No. 56;
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APPLICANT: Recipon, Herve
APPLICANT: Recipon, Herve
ITITLE OF INVENTION: Compositions and Methods Relating to Lung Specific
ITITLE OF INVENTION: Genes
FILE REFERENCE: DEX-0230
CURRENT APPLICATION NUMBER: US/09/940,227
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 60/228,378
PRIOR FILING DATE: 2000-08-28
NUMBER OF SEQ ID NOS: 84
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 49
LENGTH: 25
TYPE DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
COMMENT OF SEQ ID SEQUENCE OF Artificial Sequence Synthetic
; Sequence 55, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOPTWARE: FRANCSEQ for Windows Version 4.0
; SEQ ID NO 55
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US-10-418-182-55/c
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SEQ ID NO 5
LENGTH: 25
TYPE: DNA
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CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Donna T. Ward APPLICANT: Andrew T. Watt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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Similarity 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
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36;
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36;
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RESULT 17
US-10-007-078-6/c
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US-10-215-432-43
; Sequence 43, Application US/10215432
; Publication No. US20030109476A1
; GENERAL INFORMATION:
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                                                                                                               ; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-007-078-6
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                                                                                                                                                                                                                         Sequence 6, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION UNMEER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: NaPro-10
CURRENT APPLICATION NUMBER: US/10/215,432
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 30
                                                  Matches
                                                              Query Match
Best Local Similarity
                                                                                                                                                                                              SEQ ID NO 6
LENGTH: 24
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Best Local Similarity
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APPLICANT: Hetal Parekh-Olmedo
TITLE OF INVENTION: Composition and methods for the
TITLE OF INVENTION: prevention and treatment of Huntington's disease
                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
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nes 26; Conserv
1774 CCAGGGAAGACGCCGGTGTATGCT 1797
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                                             0.3%; Score 24; llarity 100.0%; Pred. No. Conservative 0; Mismatc
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Pred. No. 74;
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                                                  Mismatches
                                                                DB 1;
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PRIOR APPLICATION NUMBER: 60/359,223
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-05-08
PRIOR FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
LENGTH: 32
TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 32
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: WU, MING
APPLICANT: ULLMAN, EDWIN F.
APPLICANT: ULLMAN, EDWIN F.
TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
FILE REFERENCE: 3817.10-2
CURRENT APPLICATION UNMEER: US/10/371,600
CURRENT FILING DATE: 2003-05-19
CURRENT FILING DATE: 2003-05-19
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APPLICANT: WU, MING
APPLICANT: ULLMAN,
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                                                                          Matches
                                                                                          Query Match
Best Local Similarity
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Best Local S
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TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
FILE REFERENCE: 3817.10-2
CURRENT APPLICATION NUMBER: US/10/371,600
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: 60/379,360
PRIOR APPLICATION NUMBER: 60/379,360
PRIOR PILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 14
SOFTMARE: Patentin Ver. 2.1
                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                          FEATURE:
                                     4464 TITTTTTTTTTTTTTTTTTGTCTTGA 4490
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Pred. No. 8
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Pred. No. 85;
                                                                            Mismatches
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US-09-927-777A-72/c

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; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-927-777A-72
                                                                            RESULT 21
US-10-397-579-2/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOPTWARE: Microsoft Word 2000
SEQ ID NO 72
LENGTH: 35
               Sequence 2, Application US/10397579 Publication No. US20040038255A1 GENERAL INFORMATION:
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CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
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PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
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APPLICANT: Mirkin, Chad A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/255,235
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                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/254,392 FILING DATE: 2000-12-08
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                                                                                                                                                                                                                                                                     0.3%;
                                                                                                                                                                                                                                                                     Score 23.6;
Pred. No. 1
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                                                                                                                                                                                                                                                                                         Length 35;
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US-10-008-978-72/c
                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-01-12
PRIOR PILING DATE: 2001-01-12
PRIOR PILING DATE: 2001-01-12
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 109/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR PILING DATE: 1909-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
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PRIOR FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: US 60/293,861
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 72, Appublication No
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TYPE: DNA
ORGANISM: Artificial
FEATURE:
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TITLE ÖF INVENTION: NO. US20040038255A1-alloying Core Shell Nanoparticles
FILE REFERENCE: 011-661-E
CURRENT APPLICATION NUMBER: US/10/397,579
CURRENT FILING DATE: 2003-03-26
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                                                                                                                                                        PRIOR
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CURRENT FILING DATE: 2002-05-20
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APPLICANT: Letsin
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APPLICATION NUMBER: 60/192,699
FILING DATE: 2000-03-28
APPLICATION NUMBER: 60/200,161
FILING DATE: 2000-04-26
                                                                                                                                                                               APPLICATION NUMBER: PCT/US97/12783 FILING DATE: 1997-07-21
                                                                                         APPLICATION NUMBER: 60/176,409 FILING DATE: 2000-01-13
                                                                                                                                                          APPLICATION NUMBER: 60/031,809
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                                                                                                                                       FILING DATE: 1996-07-29
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Similarity 86.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Garimella, Viswanadham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mucic,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Park,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Taton, Thomas A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Elghanian, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Storhoff, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        etsinger, Robert L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                So-Jung
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Pred. No. 1.1e+02;
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RESULT 24
US-10-266-983-72/c
; Sequence 72, Application US/10266983
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OTHER INFORMATION: Description of Artificial
OTHER INFORMATION: synthetic sequence
US-10-153-483-2
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US-10-153-483-2/c
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                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/293,861
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Microsoft Word 1998
SEQ ID NO 2
LENGTH: 35
TENGTH: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/10153483
Publication No. US20030129608A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/153,483
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: PCT/US01/50825
PRIOR FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: 10/034,451
PRIOR FILING DATE: 2001-12-28
PRIOR FILING DATE: 2001-12-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Mirkin,
APPLICANT: Cao, Y
APPLICANT: Jin, R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cao, Yun Wei
APPLICANT: Jin, Rongchao
TITLE OF INVENTION: NON-ALLOYING CORE SHELL NANOPARTICLES
FILE REFERENCE: 01-661-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
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PRIOR FILING DATE: 2000-12-1
PRIOR APPLICATION NUMBER: 60/255,236
PRIOR FILING DATE: 2000-12-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/254,418 PRIOR FILING DATE: 2000-12-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/282,640 PRIOR FILING DATE: 2000-04-01
                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                             Local Similarity
tes 26; Conserv
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APPLICATION NUMBER: 60/254,392
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                                                                                                   TGATAAGGATTTTTTTTTTTTTTTTTT
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DS: 76
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                                                                                                                                                                                               Score 23.6; DB 1;
Pred. No. 1.1e+02;
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Pred. No. 1.1e+02;
                                                                                                                                                                             Mismatches
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Publication No. US20030207296A1

GENERAL INFORMATION:

APPLICANT: Park, So-Jung

APPLICANT: Taton, Thomas Andrew

APPLICANT: Mirkin, Chad A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION: AND USES THEREFOR

FILE REFERENCE: 01-1565-A.

CURRENT APPLICATION NUMBER: US/10/266,983

CURRENT FILING DATE: 2002-10-08

PRIOR APPLICATION NUMBER: 09/27,777

PRIOR FILING DATE: 2001-08-10

PRIOR FILING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: 09/820,279

PRIOR APPLICATION NUMBER: 09/820,279

PRIOR APPLICATION NUMBER: 09/760,500

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR APPLICATION NUMBER: 09/344,667
APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew
APPLICANT: Mirkin, Chad A.
APPLICANT: Mirkin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
CURRENT APPLICATION NUMBER: US/10/266,983
CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/920,279
PRIOR APPLICATION NUMBER: 09/920,379
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-10-266-983-72
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US-10-266-983-77/c
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NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
SEQ ID NO 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 77, Application US/10266983
Publication No. US20030207296A1
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Best Local S
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PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
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Pred. No. 1.1e+02;
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US-10-611-629-3/c
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Sequence 3, Application US/10611629
Publication No. US20040091905A1
GENERAL INFORMATION: BAOCHUAN
APPLICANT: GUO, BAOCHUAN
TITLE OF INVENTION: METHOD FOR DETECTING MUTATED POLYNUCLEOTIDES WITHIN A TITLE OF INVENTION: LARGE POPULATION OF WILD-TYPE POLYNUCLEOTIDES
FILE REFERENCE: 27433/04012
CURRENT APPLICATION NUMBER: US/10/611,629
CURRENT FILING DATE: 2003-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/108,969
CURRENT FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 32
TYPE: DNA
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Publication No. US20030198959A1
GENERAL INFORMATION:
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Best Local Similarity
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PRIOR
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PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kurnit, David M.
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PRIOR APPLICATION NUMBER: 09/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
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Local Similarity 86.7%;
hes 26; Conservative
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FILING DATE: 1999-01-29
APPLICATION NUMBER: PCT/US97/12783
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Pred. No. 1.1e+02;
0; Mismatches
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Pred. No. 1.1e+02;
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US-10-418-182-174
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PRIOR FILING DATE: 2002-07-01
NUMBER OF SEQ ID NOS: 15
SOPTWARE: Patentin Ver. 3.2
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 174
LENGTH: 27
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
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                                                     SOFTWARE: P
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Best Local
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                                                                                         APPLICANT: Bapat, Bharati
APPLICANT: Rose, Melanie Anne
IITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR :
FILE REFERENCE: 11757.54USU1
CURRENT APPLICATION NUMBER: US/09/971,353
CURRENT FILING DATE: 2001-10-04
PRIOR APPLICATION NUMBER: US 60/237,884
PRIOR PLICATION NUMBER: US 60/237,884
PRIOR FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                   LENGTH: 31
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Local Similarity 89.3%;
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100.0%; Preq. ...
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Pred. No. 1.1e+02
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; OTHER INFORMATION: primer
US-09-931-007A-6
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US-09-931-007A-6/c
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                                                                                                                                                SEQ ID NO 6
LENGTH: 33
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Best Local
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LENGTH: 32
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APPLICANT: Garimella,
APPLICANT: Bernal, Y
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Query Match
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                                                                                                                                                                                TITLE OF INVENTION: SYSTEM FOR REGULATING IN VIVO THE EXPRESSION OF A TRANSGENE BY TITLE OF INVENTION: CONDITIONAL INHIBITION
FILE REFERENCE: 03806.0512
CURRENT APPLICATION NUMBER: US/09/931,007A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: FR 00/10730
PRIOR APPLICATION NUMBER: FR 00/10730
PRIOR PILING DATE: 2000-08-18
PRIOR PILING DATE: 2000-08-18
PRIOR PILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 11
NUMBER OF SEQ ID NOS: 11
NUMBER: Patentin version 3.0
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CURRENT APPLICATION NUMBER: US/10/447,073
CURRENT FILING DATE: 2003-05-28
PRIOR APPLICATION NUMBER: US 60/383,564
PRIOR FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 14
SOFTMARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bernal, Yasmith
TITLE OF INVENTION: Method for Attachment of Silylated Molecules to Glass Surfaces
                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Aventis Pharma S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (1)...(1)
OTHER INFORMATION: n = epiendrosterone
                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Probe FV (13D)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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100.0%; Pred. No. 1.2e+02;
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Pred. No. 1.2e+02;
""matches 5;
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Pred. No. 1.1e+02;
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                 Length 33;
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RESULT 32
US-09-099-823-14
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Patent No. US20020018990A1
GENERAL INFORMATION:
APPLICANT: BILLING-MED
APPLICANT: COHEN, MAUR
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                                                        Matches
                                                                    Query Match
Best Local &
                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION UNMEER: 08/879,354
PILING DATE: 20-JUN-1997
ATTORNEY AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6120.US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FBSLSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/099,823
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                                                                                                                                                                   SEQUENCE CHARACTERISTICS
LENGTH: 26 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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STATE: IL
                                                                                                                                        STRANDEDNESS:
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CLASSIFICATION:
                                                                                                                                                          TYPE:
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              4464 TTTTTTTTTTTTTTTTTTTTTGTCTTG 4489
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                                                                     Similarity
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 TITTITITITITITITITITITIC 26
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HODGES, STEVEN C.
KLASS, MICHAEL R.
KRATOCHVIL, JON D.
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SCHEFFEL, CHRISTI
STROUPE, STEPHEN D.
                                                        Conservative
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                                                                                                                              linear
                                                                                                                                         single
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                                                                    0.3%;
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Pred. No. 92;
                                                        Mismatches
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RESULT 33

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US-09-263-959-825
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Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 10, Application US/10176055 Publication No. US20030013109A1 GENERAL INFORMATION:
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SEQ ID NO 10
LENGTH: 30
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TITLE OF INVENTION: Haiprin Sensors Using Quenchable Pluorescing Agents
FILE REPERENCE: 11739/26
CURRENT APPLICATION NUMBER: US/10/176,055
CURRENT FILING DATE: 2002-06-21
                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, V6
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/263,959
PILING DATE: 05-MAR-1999
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                                                                         TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Complementary OTHER INFORMATION: probe
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                                                                                                           CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MCMASters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: KOOPN, BE P.
APPLICANT: KOOP, BE P.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
                                                          SEQUENCE CHARACTERISTICS:
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STRANDEDNESS:
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          nucleic acid
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6300 Columbia Center,
                                 33 base pairs
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Pred. No. 1
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US-09-876-235-8
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LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonuclectide used for attaching puromycin
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Best Local Similarity
Matches 25; Conserv
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                                                                                                                                SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 8
                                                                                                                                                                             CURRENT AFFLICATION NUMBER: 2001-06-06

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/247,190

PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/035,963

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/064,491

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/064,491

PRIOR FILING DATE: EARLIER FILING DATE: 1997-11-06

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/007,005

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/007,005
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CURRENT APPLICATION NUMBER: US/09/282,734A
CURRENT FILING DATE: 1999-03-03
EARLIER APPLICATION NUMBER: 60/080,686
EARLIER FILING DATE: 1998-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Szostak, Jack W. APPLICANT: Roberts, Richard W. APPLICANT: Liu, Rihe
                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/876,235
CURRENT FILING DATE: 2001-06-06
                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN TITLE OF INVENTION: FUSIONS FILE REFERENCE: 00786/350005
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TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
                        FEATURE:
OTHER INFORMATION:
                                                              ORGANISM: Artificial Sequence
                                                                                       TYPE: DNA
                                                                                                         LENGTH:
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Pred. No. 1
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Pred. No. 1.2e+02;
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                                                                                                                                                                                                                                                                                                                                           Sequence 41, Application US/10057783A Publication No. US20040091955A1 GENERAL INFORMATION:
APPLICANT: FORSTER, Anthony C.
TITLE OF INVENTION: Process and comportifie of INVENTION: peptidomimetic: FILE REFERENCE: 1
                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/057,783A
CURRENT FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 41
LENCTH: 29
TYPE: DNA
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                                                                     Matches
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3
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Best Local
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Best Local
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TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
FILE REFERENCE: 50036/009002
CURRENT APPLICATION NUMBER: US/10/348,627
CURRENT FILING DATE: 2003-01-22
PRIOR APPLICATION NUMBER: US/09/282,734A
PRIOR FILING DATE: 1999-03-03
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                                                                                                                                                      FEATURE: OTHER INFORMATION: Description of Artificial Sequence: FROM SYNTHETIC OTHER INFORMATION: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 1.2e+02;
                                                                                    Score 22.6;
Pred. No. 1
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Pred. No. 1.2e+02;
                                TTTTGTCTT 4488
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                                                                                                                 ; FEATURE: ; OTHER INFORMATION: 3'-UTR consensus sequence US-10-309-788-10
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APPLICANT: Tenenbaum, Scott A.
APPLICANT: Carson, Craig C.
APPLICANT: Phelps, William C.
ITILE OF INVENTION: Method for Identifying Furil REFERENCE: RBN-001CP
CURRENT APPLICATION NUMBER: US/10/309,788
CURRENT FILING DATE: 2003-06-18
PRIOR APPLICATION NUMBER: US 60/173,338
PRIOR APPLICATION NUMBER: US 09/750,401
PRIOR FILING DATE: 1999-12-28
PRIOR FILING DATE: 2000-12-28
PRIOR FILING DATE: 2000-12-28
PRIOR FILING DATE: 2000-12-28
NUMBER OF SEQ ID NOS: 38
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US-10-309-788-10
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US-10-194-138-14/c
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                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 10, Appublication No.
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Best Local Similarity
Matches 25; Conserv
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                                        Matches
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Best Local
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                                                                                                                                                                            ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                              TYPE: RNA
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4464 TTTTTTTTTTTTTTTTTTGTCTTGA 4490
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                                      Similarity
3; Conserv
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                                        Conservative
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                                                      11.1%;
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                                        21;
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                                                          Score 22.2; DB 1;
Pred. No. 1.6e+02;
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Pred. No. 1.3e+02;
                                        Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Functionally Related Genes and Drug Target
                                                                                                                                       of GADD45
                                                                          Length 32;
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                                        Indels
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US-10-238-306B-10
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                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence; FEATURE:
OTHER INFORMATION: 3 -UTR sequence; OCTAC SECURITY SE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 10, Application US/10629453 Publication No. US20040096878A1 GENERAL INFORMATION:
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Best Local :
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LENGTH: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 32
                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Carson, Craig C.
APPLICANT: Tenenbaum, Scott A.
APPLICANT: Tenenbaum, Scott A.
APPLICANT: Tenenbaum, Scott A.
TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
TITLE OF INVENTION: complexes
TILE REFERENCE: RBN-001DV
CURRENT APPLICATION NUMBER: US/10/629,453
CURRENT FILING DATE: 2003-07-29
PRIOR APPLICATION NUMBER: US 99/750,401
PRIOR PILING DATE: 2000-12-28
PRIOR PILING DATE: 2000-12-28
PRIOR PILING DATE: 1999-12-28
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CURRENT APPLICATION NUMBER: US/10/238,306B
CURRENT FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: US 09/750,401
PRIOR FILING DATE: 2001-12-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Keene, Jack D.
APPLICANT: Tenenbaum, Scott A.
APPLICANT: Carson, Craig C.
TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
TITLE OF INVENTION: Complexes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn version 3.1
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ORGANISM: Artificial Sequence
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                                                                              4464 TITTTTTTTTTTTTTTTTTTGTCTTGA 4490
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; Pred. No. 1.66
21; Mismatches
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Pred. No. 1
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-940-227-47
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                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: US-09-848-754A-9122
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RESULT 45
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SEQ ID NO 9122
LENGTH: 23
TYPE: RNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 47
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                   Query Match
Best Local Similarity
Matches 22; Conserv
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Publication No. US20030073207A1
                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
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Best Local
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 60/228,378
PRIOR FILING DATE: 2000-08-28
NUMBER OF SEQ ID NOS: 84
                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors FILE REFERENCE: MBHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/8448,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Recipon, Herve TITLE OF INVENTION: Genes
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22; Conservative 0;
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100.0%; Pred. No.
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97;
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US-09-848-754A-9375/C

Sequence 9375, Application US/09848754A Publication No. US20030073207A1 GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

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RESULT 47
US-09-923-236-6
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US-09-922-480-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/09922480
Patent No. US20020081701A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Adler, David A.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
                                                                                                                                                                    Query Match
Best Local Similarity
Matches 23; Conserv
                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 6
LENGTH: 26
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                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (18)..(24)
OTHER INFORMATION: 2'-O-Methyl
NAME/KEY: misc_feature
LOCATION: (9)..(17)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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LOCATION: (1)...(1)
OTHER INFORMATION: n stands for inverted deoxyabasic derivative
NAME/KEY: misc_feature
LOCATION: (25)...(25)
OTHER INFORMATION: n stands for inverted deoxyabasic derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (2)..(8)
OTHER INFORMATION: 2'-O-Methyl
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22; Conserv
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llarity 88.5%;
Conservative
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100.0%; Pred. No. 1.2e+C
tive 0; Mismatches
                                                                                                                                                                  Score 22; DB 1; Lo
Pred. No. 1.3e+02;
1; Mismatches 2;
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hes 0;
                                                                                                                                                                                                            Length 26;
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RESULT 49 US-10-039-876A-10

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Sequence 10, Application US/10039876A
Publication No. US20030032792A1
GENERAL INFORMATION:
APPLICANT: Conklin, Darrell C.
APPLICANT: Blumberg, Hal
TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE,
FILE REFERENCE: 97-63C1
CURRENT APPLICATION NUMBER: US/10/039,876A
CURRENT FILING DATE: 2001-10-26

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CURRENT APPLICATION NUMBER: US/09/923,236
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 26
TYPE: DNA
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                                                                                                                                                   US-09-922-469-6
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                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 9
SOFTWARE: FREESEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 26
                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Adder, David A.
APPLICANT: Adder, David A.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63
                                                                         Matches
                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/09922469 Patent No. US20020173027A1
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Best Local S
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APPLICANT: Adler, David A.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 97-71
CURRENT APPLICATION NUMBER: US/09/922,469
CURRENT FILING DATE: 2001-08-03
                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE: Oligonucleotide primer ZC7231
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                                                                                           Local
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Similarity 88.5%;
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Pred. No.
                                                                                           Score 22; DB 1;
Pred. No. 1.3e+0
                                                                           Mismatches
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                                                                                         1.3e+02;
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PRIOR APPLICATION NUMBER: US 60/061,712
PRIOR FILING DATE: 1997-10-06
PRIOR APPLICATION NUMBER: US 09/167,513
PRIOR FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 10
LENGTH: 26
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US-10-196-703-43
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US-10-352-253A-36
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OTHER INFORMATION: Description of Artificial Sequence: oligo(dT)<25>VUS-10-196-703-43
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Publication No. US20030055019A1
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
TITLE OF INVENTION: Genes and Proteins Predictive and Therapeutic for TITLE OF INVENTION: Stroke, Hypertension, Diabetes, and Obesity FILE REFERENCE: 15966-527
CURRENT APPLICATION NUMBER: US/10/196,703
CURRENT FILING DATE: 2002-07-15
PRIOR APPLICATION NUMBER: US/09/161,939
PRIOR PILING DATE: 1998-09-28
NUMBER OF SEQ ID NOS: 44
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SEQ ID NO 43
LENGTH: 26
TYPE: DNA
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Best Local
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                                                                                                                                                                                                                                                            Sequence 36, Application US/10352253A Publication No. US20030175908A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local
          APPLICANT: Pihlak, Arno
APPLICANT: Montelius, Andreas
APPLICANT: Montelius, Andreas
TITLE OF INVENTION: Methods And Means For Manipulating Nucleic
FILE REFERENCE: 620-234
CURRENT APPLICATION NUMBER: US/10/352,253A
CURRENT FILING DATE: 2003-01-28
PRIOR APPLICATION NUMBER: US 60/352,215
PRIOR FILING DATE: 2002-01-29
                                                                                                                                                                                                      APPLICANT: Linnarsson, Sten APPLICANT: Ernfors, Patrik
                                                                                                                                                                  APPLICANT:
NUMBER OF SEQ ID NOS: 37
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OTHER INFORMATION: Oligonucleotide primer ZC7231
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Pred. No. 1.3e+02;
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Pred. No. 1.3e+02
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PILE REFERENCE: 980081-0085
CURRENT APPLICATION NUMBER: US/10/224,289
CURRENT FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: 60/313,940
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 20
SOPTWARE: PAtentin Ver. 2.1
SEQ ID NO 20
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SEQ ID NO 36
LENGTH: 26
TYPE: DNA
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Best Local !
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APPLICANT: EGELRUD, Torbjorn
TITLE OF INVENTION: SCCE MODIFIED TRANSGENIC MAMMALS AND
FILE REFERENCE: HANSSON-3A
CURRENT APPLICATION NUMBER: US/10/071,214
CURRENT FILING DATE: 2002-02-11
PRIOR APPLICATION NUMBER: US 60/267,422
PRIOR APPLICATION NUMBER: US 60/267,422
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: LEWIN, DAVID A.
APPLICANT: STEWART, TIMOTHY A.
TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND
TITLE OF INVENTION: NUCLEIC ACID
                                                                                                                                                              APPLICANT: HANSSON, Lennart APPLICANT: EGELRUD, Torbjo
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ORGANISM: Artificial Sequence
FEATURE:
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NAME/KEY: misc_feature
LOCATION: (26)
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Pred. No. 1.3e+02;
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Pred. No. 1.3e+02;
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APPLICANT: Weindel, Kurt
APPLICANT: Weindel, Kurt
APPLICANT: Brand, Joachim
TITLE OF INVENTION: DNA DETECTION BY MEANS OF
FILE REFERENCE: 101614-00014
CURRENT APPLICATION NUMBER: US/10/102,720
CURRENT FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: 09/325,554
PRIOR APPLICATION NUMBER: 09/325,554
PRIOR FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 18
SOFTMARE: Patent-In version 3.1
SEQ ID NO 18
LENGTH: 27
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US-10-102-720-18
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; LCCATION: (27)...(27)
; OTHER INFORMATION: n is a or g or c
US-10-071-214-42
APPLICANT: Cargill, Michele
APPLICANT: Lireland, James S.
APPLICANT: Lireland, James S.
APPLICANT: Lireland, Fic S.
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POFILE REFERENCE: 2825.2009-001
CURRENT APPLICATION NUMBER: US/09/801,274
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US 60/187,510
PRIOR APPLICATION NUMBER: US 60/206,129
PRIOR FILING DATE: 2000-03-07
PRIOR APPLICATION NUMBER: US 60/206,129
PRIOR FILING DATE: 2000-05-22
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                                                                                                                                                                                                                                   Sequence 1211, Application US/09801274
Patent No. US20020032319A1
GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
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OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently OTHER INFORMATION: estered with 3-O carboxymethyl digoxigenin
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OTHER INFORMATION: 5'-RACE cDNA synthesis primer
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ORGANISM: Artificial Sequence
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Pred. No. 1.3e+02;
1; Mismatches 1
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Pred. No. 1.3e+02;
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                                                                                                                                                    POLYMORPHISMS
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APPLICANT: Robert G. Kuimelis et al.
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
FILE REFERENCE: 50036/009002
CURRENT APPLICATION NUMBER: US/09/282,734A
CURRENT FILING DATE: 1999-03-03
EARLIER APPLICATION NUMBER: 60/080,686
EARLIER FILING DATE: 1998-04-03
NUMBER: FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 23
LENGTH: 25
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                                                                                                                                                                                                                                                                                                           RESULT 57
US-09-282-734-23
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US-09-853-646-4/c
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Best Local Sim
Matches 22;
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Patent No. US20020055106A1
GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1211
                                                                                                                                                                                                                                                         GENERAL INFORMATION
                                                                                                                                                                                                                                                                        Sequence 23, Application US/09282734A Publication No. US20020182597A1
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE TITLE OF INVENTION: A CRANISMS
FILE REFERENCE: 01107.00138
FULE REPERENCE: 01107.00138
CURRENT APPLICATION NUMBER: US/09/853,646
CURRENT FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: 60/204,769
PRIOR PELING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Grasso, Luigi
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
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APPLICANT: Sass, Philip
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 31
TYPE: DNA
ORGANISM: Homo sapiens
   TYPE: DNA ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 1.3e+02;
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OTHER INFORMATION: Capture probe sequence

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US-10-239-655A-9
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                                                                                            APPLICANT: NEUMANN, FRANZ-JOSEF
TITLE OF INVENTION: RESTENOSIS TREATMENT
FILE REFERENCE: 029976/0103
CURRENT APPLICATION NUMBER: US/10/239,655A
CURRENT FILING DATE: 2003-02-02
PRIOR APPLICATION NUMBER: PCT/EP01/03312
PRIOR APPLICATION NUMBER: EP 00106468.2
PRIOR APPLICATION NUMBER: EP 00106468.2
PRIOR FILING DATE: 2000-03-24
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US-09-730-478A-8
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CURRENT APPLICATION NUMBER: US/09/730,478A
CURRENT FILING DATE: 2000-12-06
PRIOR APPLICATION NUMBER: PCT/DK00/00674
PRIOR FILING DATE: 2000-12-06
PRIOR APPLICATION NUMBER: PA 1999 01746
PRIOR APPLICATION NUMBER: 60/169,614
PRIOR FILING DATE: 1999-12-08
PRIOR FILING DATE: 1999-12-08
PRIOR FILING DATE: 1999-12-08
PRIOR FILING DATE: 1999-12-08
NUMBER OF SEQ ID NOS: 8
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Best Local Similarity
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                 NUMBER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 9
LENGTH: 25
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APPLICANT: JENSEN, ANDERS BOEGH
APPLICANT: PETERSEN, MORTEN
APPLICANT: NAESTVED, HENRIK
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LENGTH: 25
TYPE: DNA
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TITLE OF INVENTION: METHOD OF USING ARABIDOPSIS MAPK4 AND ORTHOLOGUES THEREOF TO
TITLE OF INVENTION: CONTROL PLANT DISEASE AND PLANT SIZE
                                                                                                                                                                                                                                                                                                      APPLICANT: ZOHLNHOFER, DIETLIND APPLICANT: BAUERLE, PATRICK
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TYPE: DNA
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les 23; Conservative
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KLEIN, CHRISTOPH
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Pred. No. 1.3e+02;
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Pred. No. 1.3e+02;
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US-10-002-536A-5
                                                                          US-10-348-627-23
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LENGTH: 25
TYPB: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 23
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Best Local &
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Query Match 0.3%;
Best Local Similarity 92.0%;
Matches 23; Conservative
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                                                                                                                                                                                                                                  APPLICANT: Robert G. Kuimelis et al.
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
FILE REFERENCE: 50036/009002
CURRENT APPLICATION NUMBER: US/10/348,627
CURRENT PILING DATE: 2003-01-22
FRIOR APPLICATION NUMBER: US/9/282,734A
PRIOR PILING DATE: 1999-03-03
PRIOR PILING DATE: 1999-03-03
PRIOR PILING DATE: EARLIER APPLICATION NUMBER: 60/080,686
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kane, Michael D.
APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED TITLE OF INVENTION: (MRNAS) IN EUKARYOTIC ORGANISMS
FILE REFERENCE: 65446-87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/002,536A CURRENT FILING DATE: 2003-02-11 NUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 29
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                                                                                         OTHER INFORMATION: Capture probe sequence
                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: This is a synthesized sequence
                                                                                                                                                                 LENGTH:
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 Score 21.8; DB 1;
Pred. No. 1.3e+02;
0; Mismatches 2;
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Pred. No. 1.3e+02
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Pred. No. 1.3e+02;
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US-10-224-289-11
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; OTHER INFORMATION: Recombinant DNA
US-09-853-646-3
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; APPLICANT: Grasso, Luigi
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: A METHOD FOR GENERATING HY
; TITLE OF INVENTION: ORGANISMS
; FILE REFERENCE: 01107.00138
; CURRENT APPLICATION NUMBER: US/09/853,646
; CURRENT FILING DATE: 2001-05-14
; CURRENT FILING DATE: 2001-05-14
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Best Local Similarity 92.0%;
Matches 23; Conservative
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SEQ ID NO 11
LENGTH: 25
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Best Local Similarity
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Best Local S
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LENGTH: 26
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APPLICANT: STEWART, TIMOTHY A.

APPLICANT: STEWART, TIMOTHY A.

TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND

TITLE OF INVENTION: WICLEIC ACID

FILE REFERENCE: 9800081-0085

CURRENT APPLICATION NUMBER: US/10/224,289

CURRENT FILING DATE: 2002-08-20

PRIOR APPLICATION NUMBER: 60/313,940

PRIOR PILING DATE: 2001-08-20

NUMBER OF SEQ ID NOS: 20

COUNTAINE DESCRIPTION OF SECOND OF SE
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APPLICANT: Sass, Philip
APPLICANT: Grasso, Luigi
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PRIOR FILTNG DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 1.3e+02;
0; Mismatches 2;
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Pred. No. 1.
                                                                                                                      Mismatches
                                                                                                                                                  1.4e+02;
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CURRENT APPLICATION NUMBER: US/09/922,480
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 7
LENGTH: 26
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RESULT 66
US-09-923-246-38
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US-09-923-236-7
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US-09-923-236-7
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Matches
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Patent No. US20020090677A1
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                    Query Match
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CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
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APPLICANT: Adler, David A.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sheppard, Paul O.
APPLICANT: Adler, David A.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
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FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
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Pred. No. 1
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Sequence 38, Application US/09923246
Patent No. US20020128446A1
GENERAL INFORMATION:

APPLICANT: No. US20020128446Alak, Julia E.

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PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
PRIOR PILING DATE: EARLIER FILING DATE: 2000-03-09
PRIOR PILING DATE: EARLIER PILING DATE: 1999-03-11
PRIOR PILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR PILING DATE: EARLIER FILING DATE: 1999-07-01
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 39
LENGTH: 26
Typer: Norm
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US-09-923-246-39
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-09-923-246-39
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Best Local :
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LENGTH: 26
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TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAll LIGAND

FILE REFERENCE: 99-16

CURRENT APPLICATION NUMBER: US/09/923,246

CURRENT APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217

PRIOR PILING DATE: EARLIER FILING DATE: 2000-03-09

PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09

PRIOR PILING DATE: EARLIER FILING DATE: 1999-03-11

PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11

PRIOR PILING DATE: EARLIER FILING DATE: 1999-07-01

PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
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APPLICANT:
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SOFTWARE: FastSEQ for Wind
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TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAll LIGAND
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                                              FEATURE:
                                                                 ORGANISM: Artificial Sequence
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Sprecher, Cindy A.
Foster, Donald C.
Holly, Richard D.
Gross, Jane A.
Johnston, Janet V.
Nelson, Andrew J.
Dillon, Stacey R.
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Nelson, Andrew J.
Dillon, Stacey R.
Hammond, Angela K.
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Sprecher, Cindy A.
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Pred. No. 1.4e+02;
0; Mismatches 2;
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GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Sheppard, Paul O.
APPLICANT: Sheppard, Paul O.
APPLICANT: Addler, David A.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POI
FILE REFERENCE: 97-71
CURRENT APPLICATION NUMBER: US/09/922,469
CURRENT FILING DATE: 2001-08-03
FRIOR APPLICATION NUMBER: US 60/124,820
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 7
LENGTH: 26
TYPE: DNA
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Best Local Similarity
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Matches :
                                                                                                    Query Match
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APPLICANT: Widelitz, Randall B.
TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
FILE REFERENCE: 13761-7024
CURRENT APPLICATION NUMBER: US/09/920,342
CURRENT FILING DATE: 2002-01-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: University of Southern California
APPLICANT: Lin, Shi-Lung
APPLICANT: Chuong, Cheng-Ming
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/222,479 PRIOR FILING DATE: 2000-08-02
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TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Oligonucleotide primer 2C7764a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Poly(dT)-26mer primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4464 TITTTTTTTTTTTTTTTTTTTGTCTT 4488
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Similarity 92.0%;
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                                   TTTTTTTTTTTTTTTTTTGTCTT 4488
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                                                                    Score 21.8; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 2;
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Pred. No. 1.4e+02;
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Pred. No. 1
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                                                                                                       Length 26,
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RESULT 71
US-09-949-305B-4
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                                                                                                                             Sequence 4, Application US/09949305B Publication No. US20030022318A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 23; Conserv
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Publication No.
APPLICANT: Lin, Shi-Lung
APPLICANT: Ying, Shao-Yao
APPLICANT: Ying, Shao-Yao
TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
TITLE OF INVENTION: Generation of Related Peptides Thereof
FILE REFERENCE: 266/014
CURRENT APPLICATION NUMBER: US/09/949,305B
CURRENT FILING DATE: 2001-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 26 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 61
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/04
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
TITLE OF INVENTION: FOR DETECTING DISEASES OF T
NUMBER OF SEQUENCES: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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No. US20020188114A1
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100 Abbott Park Road
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FRIEDMAN, PAULA N.
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Pred. No. 1.4e+02
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US-10-143-266-3
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US-10-143-266-2
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      GENERAL INFORMATION:

APPLICANT: Ranum, Laura
APPLICANT: Day, John
APPLICANT: Liquori, Christina
APPLICANT: Liquori, Christina
APPLICANT: Liquori, Christina
TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS:
FILE REFERENCE: 110.01580101
CURRENT APPLICATION NUMBER: US/10/143,266
CURRENT PILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/290,365
PRIOR APPLICATION NUMBER: 60/302,022
PRIOR APPLICATION NUMBER: 60/302,022
PRIOR APPLICATION NUMBER: 60/302,022
PRIOR FILING DATE: 2001-06-29
PRIOR FILING DATE: 2001-06-29
PRIOR FILING DATE: 2001-06-29
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APPLICANT: Ranum, Laura
APPLICANT: Day, John
APPLICANT: Liquori, Christina
APPLICANT: Liquori, Christina
TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS:
FILE REFERENCE: 110.01580101
CURRENT APPLICATION NUMBER: US/10/143,266
CURRENT FILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/290,365
PRIOR FILING DATE: 2001-06-12
PRIOR PRIOR DATE: 2001-06-12
PRIOR PRIOR DATE: 2001-06-12
PRIOR PILING DATE: 2001-06-19
PRIOR PILING DATE: 2001-06-19
PRIOR PILING DATE: 2001-06-19
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LENGTH: 26
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SEQ ID NO 4
LENGTH: 26
TYPE: DNA
                                                                                                                                                                                                                                                                            Sequence 3, Application US/10143266 Publication No. US20030108887A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 23;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/337,831
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.0
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PRIOR FILING DATE: 2000-01-25
NUMBER OF SEQ ID NOS: 12
PRIOR APPLICATION NUMBER: 60/337,831
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: poly(dT) primer
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Similarity 92.0%;
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No. US20030108887A1
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Pred. No. 1.4e+02;
0; Mismatches 2
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Pred. No. 1.4e+02
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CURRENT APPLICATION NUMBER: US/10/053,883
CURRENT FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: PA 2001 00126
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 60/267,704
PRIOR APPLICATION NUMBER: US 60/267,704
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 148
SOFTWARE: PALENCIN VERSION 3.1
SEQ ID NO 53
LENGTH: 26
                                                                                                                                                                                                                                                   RESULT 75
US-10-295-723-38
J. Sequence 38, Application US/10295723
J. Publication No. US20030125524A1
J. GENERAL INFORMATION:
J. APPLICANT: No. US20030125524A1ak, Julia E.
J. APPLICANT: Presnell, Scott R.
J. APPLICANT: Sprecher, Caldy A.
J. APPLICANT: Sprecher, Caldy A.
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; ORGANISM: homo sapiens
US-10-143-266-3
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Best Local Similarity 92.0%;
Matches 23; Conservative
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             APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/295,723
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: 09/522,217
PRIOR FILING DATE: 2000-03-09
                                                                                                                                                                                                        APPLICANT:
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TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING
FILE REFERENCE: PEDERSENA-1A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 39
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                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: synthetic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
APPLICATION NUMBER: US 60/123,547
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      Foster, Donald C. Holly, Richard D. Gross, Jane A.
                                                                                                                                                                                  Johnston, Janet V.
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92.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TTTTTTTTTGTCTT 4488
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Pred. No. 1.4e+02
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Pred. No. 1
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                                                                                                                                  , OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-295-723-39
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LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 92.0
Conservative
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                                                            Query Match
Best Local Similarity
Matches 23; Conserv
                                                                                                                                                                                                                                         SEQ ID NO 39
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
APPLICANT: HOLDEN, NOVEL CYTOKINE ZALPHAll
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1999-03-09
PRIOR PELICATION NUMBER: US 60/123,904
PRIOR FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: US 60/142,013
                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/522,217
PRIOR FILING DATE: 2000-03-09
PRIOR PPLICATION NUMBER: US 60/123,547
PRIOR PILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: 1999-03-11
                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/142,013 PRIOR FILING DATE: 1999-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/295,723
CURRENT FILING DATE: 2002-11-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: No. US20030125524A1ak,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 99-16
                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                   ENGTH:
                              4464
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                   TTTTTTTTTTTTTTTTTGTCTT 4488
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                                                                                0.3%;
                                                                0; Mismatches
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Pred. No. 1.4e+02;
                                                                                Score 21.8;
Pred. No. 1.
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                                                                                  1.4e+02;
                                                                                                DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
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                                                                    Indels
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RESULT 77 US-10-659-684-38

Sequence 38, Application US/10659684

Publication No. US20040110932A1

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US-10-659-684-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 39, Application US/10659684 Publication No. US20040110932A1 GENERAL INFORMATION:
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Best Local
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APPLICANT:
                                       PRIOR APPLICATION NUMBER: US/09/522,217

PRIOR PILING DATE: 2000-03-09

PRIOR PILING DATE: 2000-03-09

PRIOR PILING DATE: EARLIER FILING DATE: 1999-03-09

PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01

PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
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APPLICANT: Presn
APPLICANT: Sprec
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CURRENT FILING DATE: 2003-09-10

PRIOR APPLICATION NUMBER: US/09/522,217

PRIOR FILING DATE: 2000-03-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR PILING DATE: EARLIER FILING DATE: 1999-03-11

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR PILING DATE: EARLIER FILING DATE: 1999-07-01
                                                                                                                                                                                                                                                    APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND FILE REFERENCE: 99-16 CURRENT PEPLICATION NOWBER: US/10/659,684
CURRENT FILING DATE: 2003-09-10
                     NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAll LIGAND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                y Match 0.3%;
Local Similarity 92.0%;
hes 23; Conservative
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Sprecher, Cindy A.
Foster, Donald C.
Holly, Richard D.
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Holly, Richard D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Johnston, Janet V.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Julia E.
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Version 3.
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Pred. No. 1.4e+02;
0; Mismatches 2;
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APPLICANT: Weiner, George
APPLICANT: Weiner, George
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
FRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 842
LENGTH: 27
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US-09-781-693A-16
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                                                                                                                                                                                                         Sequence 16, Application US/09781693A
Publication No. US20030054438A1
GENERAL INFORMATION:
APPLICANT: Chang, Tai-Jay
TITLE OF INVENTION: ANDROGEN RECEPTOR COMPLEX-ASSOCIATED
TITLE OF INVENTION: PROTEIN
FILE REFERENCE: 11709-003001
                                                                   SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 16 LENGTH: 27
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Best Local S
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Best Local Similarity
                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/781,693A
CURRENT FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 60/262,312
PRIOR FILING DATE: 2001-01-17
                                                                                                                       NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Synthetic oligonucleotide NAME/KEY: misc feature LOCATION: (0)...(0). OTHER INFORMATION: phosphorothioate backbone
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                   ORGANISM: Artificial Sequence FEATURE:
                                                    TYPE: DNA
NAME/KEY: misc_feature
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Pred. No. 1.4e+02
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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APPLICANT: Fouron, Yves
APPLICANT: FOURON: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAI)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FRETSEQ for Windows Version 3.0
SEQ ID NO 911
LENGTH: 27
                               APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Yves
ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITILE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
INUMBER OF SEQ ID NOS: 1093
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 911
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
FEATURE:
OTHER INFORMATION: Synthetic Sequence
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; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: synthetically generated primer
US-09-781-693A-16
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US-09-776-479-911
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US-09-776-479-911
; OTHER INFORMATION: Synthetic Sequence US-09-776-479-911
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Best Local Similarity
Matches 23; Conserv
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mes 23; Conserv
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92.0%;
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Pred. No. 1.
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Pred. No. 1
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1.4e+02;
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APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR PILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 1990-09-23
NUMBER OF SEQ ID NOS: 1145
SOFTMARE: FastSEQ for Windows Version 3.0
SEQ ID NO 911
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NUMBER OF SEQ ID NOS: 51
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 32
LENGTH: 27
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Publication No. US20040043017A1
                                                                                                                                                                                                                                                                                                                                                           Sequence 911, Application US/10314578 Publication No. US20030212026A1
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Best Local Similarity
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Best Local Similarity 92.0%;
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TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: 26

OTHER INFORMATION: n = a, g, or
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CURRENT APPLICATION NUMBER: US/10/406,031
CURRENT FILING DATE: 2003-04-02
PRIOR APPLICATION NUMBER: AU 2003901033
PRIOR PILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: AU PS1483
PRIOR APPLICATION NUMBER: AU PS1483
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APPLICANT: De Jersey, John
APPLICANT: Lavin, Martin
TITLE OF INVENTION: PROTHROMBIN ACTIVATING PROTEIN
                                                                                                                                                                                                                                                                                                                    APPLICANT: Krieg, Arthur M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: 27
OTHER INFORMATION: n = a,
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pred. No. 1.4e+02;
0; Mismatches 2;
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Pred. No. 1.4e+02;
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RESULT 86
US-10-017-995-911
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                                                     US-10-017-995-911
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                                                                                                                          NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 911
LENGTH: 27
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 880
LENGTH: 27
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Best Local Similarity
Query Match
Best Local Similarity
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TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
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CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
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APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
                                                               FEATURE: OTHER INFORMATION: Synthetic Sequence
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                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                      TYPE: DNA
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0.3%;
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Pred. No. 1.4e
0; Mismatches
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Pred. No. 1.4e+02;
 Score 21.8; DB 1;
Pred. No. 1.4e+02;
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                 Length
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CURRENT APPLICATION NUMBER: US/10/354,152
CURRENT FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: 60/352,247
PRIOR FILING DATE: 2002-01-30
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 7
LENGTH: 28
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Best Local Similarity
Thes 23; Conservi
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US-10-354-152-7
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US-09-883-119A-34/c
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Publication No. US20030104520A1
GENERAL INFORMATION:
APPLICANT: The University of Texas System Board of Regents
TITLE OF INVENTION: Regulatable, Catalytically Active Nucleic Acids
FILE REFERENCE: 119927-1050
CURRENT APPLICATION NUMBER: US/09/883,119A
CURRENT FILING DATE: 2000-06-14
BOTTON TOWNTY WITHOUT CALCACA
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7, Application US/10354152
Publication No. US20030221211A1
GENERAL INFORMATION:
APPLICANT: FORSTER, WILLIAM H.
APPLICANT: FORSTER, RICHARD L.S.
TITLE OF INVENTION: METHODS OF SUPPRESSING
FILE REFERENCE: 044463/0197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.1
SEQ ID NO 34
LENGTH: 28
TYPE: DNA
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                                                                           Best
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                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)...(28)
                                                                                                                                      OTHER INFORMATION: This
                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ilarity 92.0%;
Conservative
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                                                                             Score 21.8; DB 1;
Pred. No. 1.5e+02;
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Pred. No. 1
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RESULT 90
US-10-314-578-1094
; Sequence 1094, Application US/10314578
; Publication No. US20030212026A1
                                                                                                                                                                                                                                                                  (1x) Features:
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SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-880-727-10
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US-09-880-727-10/c
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Best Local
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                                                                                                                                                                                                                 Local Similarity
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/880,727

FILING DATE: 13-Unn-2001

CLASSIFICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/882,649
FILING DATE: <Unknown-
APPLICATION NUMBER: US 60/035,170
FILING DATE: 09-JAN-1997
APPLICATION NUMBER: PCT/US97/01603
FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 018547-019410US TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                    HYPOTHETICAL: YES
                                                                                                                                                                                                                                                                                                                                                  LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
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STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
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Cronin, Maureen T.
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Matsuzaki, Hajime
McGall, Glenn H.
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Pred. No. 1
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RESULT 92 US-10-042-193A-1 ; Sequence 1, Application US/10042193A

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APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT FPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR PILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1094
                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1095
                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/27,436
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NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1095
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Best Local Similarity
Matches 23; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic Sequence
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                                                                                                          Score 21.8; DB 1;
Pred. No. 1.7e+02;
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Pred. No. 1.7e+02;
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RESULT 94
US-10-380-584-115
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Sequence 115, Application US/10380584
Publication No. US20040014088A1
GENERAL INFORMATION:
APPLICANT: Utermohlen, Joseph
APPLICANT: Connaughton, John
TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide
TITLE OF INVENTION: Proteins for In Situ Analysis
FILE REFERENCE: 355/001/PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 30
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: TAKUNAGA, TAKUMI
APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: HORIB, RYUICHI
TITLE OF INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
FILE REFERENCE: 218077US0
FILE REFERENCE: 218077US0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: JP 2001-003432
PRIOR FILING DATE: 2001-01-11
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APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: HORIE, RYUICHI
TITLE OF INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/042,193A CURRENT FILING DATE: 2002-01-11
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Pred. No. 1.7e+02;
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Pred. No. 1.7e+02;
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CURRENT APPLICATION NUMBER: US/10/380,584
CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: 60/233,177
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 126
SOPTWARE: PatentIn version 3.1
SEQ ID NO 115
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide US-10-472-055-2
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; OTHER INFORMATION: oligonucleotide probe
US-10-380-584-115
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CURRENT FILING DATE: 2003-09-15
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 2
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/10472055
Publication No. US20040161764A1
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Best Local Similarity
                                                               Matches
                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                    APPLICANT: GABERT, JEAN
APPLICANT: BEILLARD, EMMANUEL
TITLE OF INVENTION: PREPARATION OF CALIBRANTS AND THEIR USE
TITLE OF INVENTION: QUANTIFICATION OF NUCLECTIDE SEQUENCES
FILE REFERENCE: 1330-03
                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                              Local
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                                                                              Score 21.8; DB 1;
Pred. No. 1.7e+02;
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Pred. No. 1.7e+02
                                                                 Mismatches
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GENERAL INFORMATION:

APPLICANT: WILMAN, EDWIN F.

APPLICANT: ULLMAN, EDWIN F.

TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION

FILE REFERENCE: 3817.10-2

CURRENT APPLICATION NUMBER: US/10/371,600

CURRENT FILING DATE: 2003-05-19

PRIOR APPLICATION NUMBER: 60/359,223

PRIOR FILING DATE: 2002-02-20

PRIOR FILING DATE: 2002-02-05

PRIOR FILING DATE: 2002-05-08

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 2

RESULT 96 US-10-371-600-2

Sequence 2, Application US/10371600 Publication No. US20030180776A1

LENGTH: 32

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APPLICANT: ULLMAN, EDWIN F.
APPLICANT: ULLMAN, EDWIN F.
TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
FILE REFERENCE: 3817.10-2
CURRENT APPLICATION UNMER: US/10/371,600
CURRENT FILING DATE: 2003-05-19
FRIOR APPLICATION NUMBER: 60/359,223
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-02-06
PRIOR APPLICATION NUMBER: 60/379,360
PRIOR FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 10
LENGTH: 32
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US-10-371-600-10
; Sequence 10, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
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US-10-371-600-9/c
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SEQ ID NO 9
SEQ ID NO 9
SERGIH: 32
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9, Application US/10371600 Publication No. US20030180776A1 GENERAL INFORMATION:
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APPLICANT: ULLMAN, EDWIN F.
APPLICANT: ULLMAN, EDWIN F.
TITLS OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
PILE REFERENCE: 3817.10-2
CURRENT FILING DATE: 2003.05-19
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: 60/379,360
PRIOR APPLICATION NUMBER: 60/379,360
PRIOR PILING DATE: 2002-05-08
NUMBER OF SEO ID NOS: 14
                                                                                                                                                                                                                                                                                                     APPLICANT: WU, MING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
ORGANISM: Artificial Sequence
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Local Similarity 92.0%;
108 23; Conservation
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Local Similarity 92.0%;
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Pred. No. 1.9e+02;
0; Mismatches
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Pred. No. 1.9e+02
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NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn version 3.1
SEQ ID NO 52
LENGTH: 25
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
FEATURE:
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SEQ ID NO 4
SERGIH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Robert G. Kuimelis
TITLE OF INVENTION: METHODS FOR CODING AND
TITLE OF INVENTION: TRANSLATED PROTEINS
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Best Local Similarity
Matches 23; Conserva
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Publication No.
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Best Local (
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Publication No. US20030013160A1
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CURRENT APPLICATION NUMBER: US/10/217,914
CURRENT FILING DATE: 2002-08-13
PRIOR APPLICATION NUMBER: 09/648,040
PRIOR FILING DATE: 2000-08-25
NUMBER OF SEQ ID NOS: 11
                                                                                                                                                                                                               APPLICANT: Andersson, Maria K.
APPLICANT: Lewander, Tommy
APPLICANT: Olaisson, Erik
TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
FILE REFERENCE: GG119.1US
                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/942,310 CURRENT FILING DATE: 2001-08-29 PRIOR APPLICATION NUMBER: GB 0021286.0 PRIOR FILING DATE: 2000-08-30
                                                                                                                                                                                                                                                                  APPLICANT: Risinger, Carl
APPLICANT: Andersson, Man
APPLICANT: Lewander, Tom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Encoding molecule FEATURE:
NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: n at position 10 can be
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OTHER INFORMATION: synthetic oligonucleotide
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Local Similarity 82.8%;
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Pred. No. 1.8e+02;
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Pred. No. 1.9e+02
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APPLICANT: Anderson, Maria K.
APPLICANT: Lewander, Tommy
APPLICANT: Lewander, Tommy
APPLICANT: Olaisson, Erik
TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
FILE REFERENCE: GG119.1US
CURRENT APPLICATION NUMBER: US/09/942,310
CURRENT FILING DATE: 2001-08-29
PRIOR APPLICATION NUMBER: GB 0021286.0
PRIOR FILING DATE: 2000-08-30
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin version 3.1
SEQ ID NO 59
LENGTH: 25
                                                                                                                                                                            APPLICANT: University of Rochester
APPLICANT: Kool, Eric
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA
FILE REFERENCE: 220.00010142
CURRENT APPLICATION NUMBER: US/09/997,931
CURRENT FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: US 09/569,344
PRIOR APPLICATION NUMBER: US 09/569,344
PRIOR APPLICATION NUMBER: US 08/805,631
PRIOR FILING DATE: 1997-02-26
PRIOR APPLICATION NUMBER: US 08/805,631
PRIOR FILING DATE: 1997-02-26
PRIOR APPLICATION NUMBER: US 08/393,439
PRIOR FILING DATE: 1995-02-23
PRIOR FILING DATE: 1995-02-23
PRIOR FILING DATE: 1993-04-15
PRIOR FILING DATE: 1993-04-15
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; OTHER INFORMATION: circular template US-09-997-931-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-997-931-5/c
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US-09-942-310-59
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Publication No. US20030087241A1
GENERAL INFORMATION:
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                                                                                                  SEQ ID NO 5
LENGTH: 26
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Best Local &
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APPLICANT: Andersson, Ma
APPLICANT: Lewander, Tom
                                                                                                                                           SOFTWARE:
                                                                                                                                                                 NUMBER OF SEQ ID NOS: 129
                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
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                                                                                                                                             PatentIn version 3.1
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Pred. No. 1.5e+02;
0; Mismatches 1;
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Pred. No. 1.5e+02;
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Best Local S
Matches 23
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PRIOR PILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 152
LENGTH: 29
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Ara
APPLICANT: Halushka, Marc K
APPLICANT: Case Western Res
APPLICANT: Affymetrix, Inc.
APPLICANT: Park, So-Jung
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-653-A
CURRENT APPLICATION NUMBER: US/09/927,777A
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/603,830
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Rob
APPLICANT: Mucic, Robert
APPLICANT: Storhoff, Jame
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Similarity 82.1%;
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                                                                                                                                                                                                                                  Taton, Thomas A. Garimella, Viswanadham
                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/09927777A
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Storhoff, James J.
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                                                                                                                                                                                                                                                                                                                                         Letsinger, Robert L.
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b. US20030170699A1
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Pred. No. 1
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..7e+02;
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FILING DATE: 2000-06-26

APPLICATION NUMBER: 09/344,667

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; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 105
US-10-008-978-69/c
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Best Local Similarity
Matches 23; Conserv
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SEQ ID NO 69
LENCTH: 31
TYPE: DNA
                                                    APPLICANT: LU, GANG
APPLICANT: LU, GANG
TITLE OF INVENTION: AND USES THEREFOR
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1272-C
CURRENT APPLICATION NUMBER: US/10/008,978
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR APPLICATION NUMBER: 09/780,500
PRIOR APPLICATION NUMBER: 09/780,500
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
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PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
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PRIOR PILING DATE: 2000-12-11
NUMBER OF SEQ ID NOS: 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/254,392
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APPLICATION NUMBER: 09/240,755
FILING DATE: 1999-01-29
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                    APPLICATION NUMBER: 09/344,667 FILING DATE: 1999-06-25
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APPLICATION
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Taton, Thomas A.
Garimella, Viswanadham
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                                                                                                                                                                                                                                                                                                                                                                    Park,
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NUMBER: 09/240,755
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Pred. No. 2.3e+02;
0; Mismatches 3;
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; OTHER INFORMATION: Description of Artificial Sequence:random ; OTHER INFORMATION: synthetic sequence US-10-008-978-69
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                                  PRIOR APPLICATION NUMBER: 09/927,777
PRIOR PILING DATE: 2001-08-10
PRIOR PILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/63,830
PRIOR PILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,755
PRIOR PILING DATE: 1999-06-25
PRIOR PILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
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Publication No.
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SEQ ID NO 69
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Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                    APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew
APPLICANT: Mirkin, Chad A.
APPLICANT: Mirkin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
CURRENT APPLICATION NUMBER: US/10/266,983
CURRENT FILING DATE: 2002-10-08
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PRIOR APPLICATION NUMBER: 60/282,640
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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APPLICATION NUMBER: PCT/US97/12783
FILING DATE: 1997-07-21
APPLICATION NUMBER: 60/031,809
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APPLICATION NUMBER: 60/213,906
FILING DATE: 2000-06-26
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APPLICATION NUMBER: 60/200,161
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APPLICATION NUMBER: 60/176,409
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APPLICATION NUMBER: 60/255,236
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FILING DATE: 2000-12-11
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APPLICATION NUMBER: PCT/US97/12783 FILING DATE: 1997-07-21
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; Pred. No. 2.3e
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LOCATION: (32)...(32)
OTHER INFORMATION: N =
US-10-075-335-5
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/268,664
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/348,242
PRIOR APPLICATION NUMBER: 60/348,242
PRIOR PILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 60/268,645
PRIOR APPLICATION NUMBER: 60/268,645
PRIOR APPLICATION NUMBER: 60/268,645
PRIOR APPLICATION NUMBER: 00/244,557
PRIOR PILING DATE: 2001-11-07
PRIOR FILING DATE: 2001-11-07
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Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
SEQ ID NO 69
                                                                            Query Match
Best Local
                                                            Matches
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TITLE OF INVENTION: Methods and Compositions of Amplifying RNA
FILE REFERENCE: HO-P02202US2
                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: 60/350,176
PRIOR FILING DATE: 2001-11-09
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OTHER INFORMATION: Primer
FEATURE:
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larity 95.5%;
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Pred. No. 2.3e+02;
0; Mismatches 3;
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Pred. No. 2.4e+02;
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; PEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-780
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SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 240
LENGTH: 21
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Publication No. US200300260
GENERAL INFORMATION:
APPLICANT: Weiner, George
APPLICANT: Hartmann, Gun
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Matches
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SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 780
LENGTH: 21
                                                                                               Query Match
Best Local S
                                                                               Matches
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CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR PILING DATE: 2000-06-22
NUMBER OF TECT TO NUMBER: US 60/213,346
                                                                                                                                                                                                                                                                                                                                      APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
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                                                                                                                                                                                                                                             TYPE: DNA
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ORGANISM: Artificial Sequence
FEATURE:
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100.0%; Pred. No. 1.3e+0
tive 0; Mismatches
                                                                                                   0.3%; Score 21;
100.0%; Pred. No.
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RESULT 112
US-10-314-578-780/c
; Sequence 780, Application US/10314578
; Publication No. US20030212026A1
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Matches
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SEQ ID NO 48
LENGTH: 21
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Best Local Similarity
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APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: U5/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Recipon, Herve TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific TITLE OF INVENTION: Genes PILE REPERENCE: DEX-0230 CURRENT APPLICATION NUMBER: US/09/940,227 CURRENT FILING DATE: 2001-08-27 PRIOR APPLICATION NUMBER: 60/228,378 PRIOR APPLICATION NUMBER: 60/228,378 PRIOR FILING DATE: 2000-08-28 PRIOR FILING DATE: 2000-08-28 PRIOR SEQ ID NOS: 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna M. APPLICANT: Fouron, Yves
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APPLICANT: Macina, Roberto
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100.0%; Pred. No.
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APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
APPLICANT: Vollmer, Jorg
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR PILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR PILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR PILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 780
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US-10-112-653-753/c
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                                                                                                                       US-10-017-995-780/c
                                                                                                                                             RESULT 114
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Sequence 780, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 753
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Matches 21; Conserv
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Best Local :
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CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR PRIOR FILING DATE: 2001-03-29
PRIOR FILING DATE: 2001-03-29
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FREUERCH for Windows Version 3.0
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                          v Match 0.3%; Score 21;
Local Similarity 100.0%; Pred. No.
1ee 21; Conservative 0; Mismatch
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100.0%; Pred. No. 1.
tive 0; Mismatches
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APPLICANT: Schnurr, Judy
APPLICANT: Schnurr, Judy
FITTLE OF INVENTION: Plant Acyl-CoA Synthetases
FILE REFERENCE: DOM-07654
CURRENT APPLICATION NUMBER: US/10/410,031
CURRENT FILING DATE: 2003-04-09
NUMBER OF SEQ ID NOS: 191
SOFTWARE: PatentIn version 3.2
SEQ ID NO 190
LENGTH: 21
TYPE: No.
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US-10-410-031-190
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CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 780
                                                                                                                                                                                                                                    Sequence 190, Application US/10410031
Publication No. US20040010817A1
GENERAL INFORMATION:
APPLICANT: Shockey, Jay M.
APPLICANT: Schnurr, Judy
APPLICANT: Browse, John A.
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SEQ ID NO 4
LENGTH: 21
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Best Local Similarity
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Publication No. US20030105042A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
FEATURE:
OTHER INFORMATION: Synthetic
                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: PCR Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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100.0%; Pred. No. 1.3e+C
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APPLICANT: Steward, David
APPLICANT: Xie, Yuefeng
FILE OF INVENTION: No. US20030104625A1el Oncolytic Adenoviral Vectors
FILE REFERENCE: 4-31704A/GTI
CURRENT APPLICATION NUMBER: US/10/081,969
CURRENT FILING DATE: 2002-02-22
PRIOR APPLICATION NUMBER: US 60/270,922
PRIOR APPLICATION NUMBER: US 60/270,922
PRIOR FILING DATE: 2001-06-03
PRIOR FILING DATE: 2001-06-01
PRIOR FILING DATE: 2001-06-01
PRIOR FILING DATE: 2000-01-14
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn version 3.1
SEQ ID NO 18
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                  ; FEATURE; ; NAME/KEY: polyA site; ; NAME/KEY: polyA site; LOCATION: (3)..(24); ; OTHER INFORMATION: US-10-081-969-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 18, Application US/10081969
Publication No. US20030104625A1
GENERAL INFORMATION:
APPLICANT: Cheng, Cheng
APPLICANT: Clarke, Lori
APPLICANT: Connelly, Sheila
APPLICANT: Ennist, David
APPLICANT: Ennist, David
APPLICANT: Gorziglia, Mario
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                                                             Query Match
Best Local Similarity
Matches 21; Conserv
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Best Local Similarity
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APPLICANT:
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NAME/KEY: misc_feature
LOCATION: (1)..(24)
OTHER INFORMATION: Fig.
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                         4464 TTTTTTTTTTTTTTTTTTG 4484
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22 TTTTTTTTTTTTTTTTC 2
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Phipps, Sandrina
Police, Seshidhar
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100.0%; Pred. No. 1.3e+02;
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                                                                                   Score 21;
Pred. No.
                                                                   Mismatches
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1.7e+02;
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US-09-927-777A-68/c
; Sequence 68, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:

RESULT 118

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RESULT 119
US-10-008-978-68/c
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NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word
SEQ ID NO 68
                                                       GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Rob
APPLICANT: Mucic, Robert
                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                               Sequence 68, Application US/10008978 Publication No. US20030087242A1
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PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
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CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
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PRIOR APPLICATION NUMBER: 60/254,392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/213,906 PRIOR FILING DATE: 2000-06-26
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                     APPLICANT:
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PPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 30
TYPE: DNA
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FILING DATE: 1996-07-29
APPLICATION NUMBER: 60/176,409
FILING DATE: 2000-01-13
APPLICATION NUMBER: 60/192,699
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 2000-12-08
APPLICATION NUMBER: 60/255,235
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FILING DATE: 2000-04-26
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               Letsinger, Robert L.
Mucic, Robert C.
Storhoff, James J.
Elghanian, Robert
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Garimella, Viswanadham
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00.0%; Pred. No.
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RESULT 120 US-10-266-983-68/c

Sequence 68, Application US/10266983
Publication No. US20030207298A1
GENERAL INFORMATION:
APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew

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US-10-008-978-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR PELING DATE: 2000-06-26
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 1999-06-25
PRIOR PILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR PILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
                                                                                                                                                                                                                   SEQ ID NO 68
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                       Matches
                                                                                Best Local Similarity
                                                                                                       Query Match
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2001-08-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/008,978
CURRENT FILING DATE: 2002-05-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES TITLE OF INVENTION: AND USES THEREFOR FILE REPERENCE: 00-1272-C
                                                                                                                                                                                                                                                                                            SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                 OTHER INFORMATION:
                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 09/820,279 FILING DATE: 2001-03-28
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/255,235 FILING DATE: 2000-12-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/192,699 FILING DATE: 2000-03-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 1996-07-29
APPLICATION NUMBER: 60/176,409
FILING DATE: 2000-01-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/254,418 FILING DATE: 2000-12-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/213,906
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                                4463 CTTTTTTTTTTTTTTTT 4483
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 2000-12-08
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21
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                                                                       Conservative
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                                                                                                                                                                 Description of Artificial Sequence:random synthetic sequence
                                                                                      100.0%;
                                                                                                           0.3%;
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                                                                                        Score 21; pred. No.
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                                                                        Mismatches
                                                                       DB 1; Le
2.3e+02;
hes 0;
                                                                                                         Length 30;
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; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: synthetic construct
US-10-335-573-1
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CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 2001-01-12
PRIOR FILING DATE: 2001-01-12
                                                                                                                                                                                                                                                             APPLICANT: Kumar, Gyanendra
APPLICANT: Abarzua, Patricio
TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
FILE REFERENCE: 13172.0022101
CURRENT APPLICATION NUMBER: US/10/335,573
CURRENT FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 30
                                         Best Local Similarity Matches 21; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/10335573 Publication No. US20040126770A1 GENERAL INFORMATION:
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Best Local
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PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE: OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                             TYPE: DNA
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  4463 CTTTTTTTTTTTTTTTTTT 4483
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                                                                  100.0%;
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                                                                  0.3%; Score 21;
100.0%; Pred. No.
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                                           Mismatches
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                                                                                     DB 1;
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                                                                  2.3e+02;
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                                           Indels
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PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 14
LENGTH: 32
TYPE: RNA
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                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, Application US/10335573
Publication No. US20040126770A1
GENERAL INFORMATION:
APPLICANT: Kumar, Gyanendra
APPLICANT: Abarzua, Patricio
TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF
FILE REFERENCE: 13172.0021U1
                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14, Applica Publication No. US20 GENERAL INFORMATION:
                                                                     Query Match
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Best Local S
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APPLICANT: Lohse, Peter
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/335,573
CURRENT FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 6
                                                                                                                       NAME/KEY: misc_feature
LOCATION: 31-32
OTHER INFORMATION: n=a,t,c,or g
                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial OTHER INFORMATION: synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: designed sequence to act as a linker
                                                                                                                                                                              FEATURE:
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                                                       Local
   4463 CTTTTTTTTTTTTTTTTT 4483
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                                                       100.0%;
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100.0%; Pred. No. 2.
ive 0; Mismatches
                                                       0.3%; Score 21;
100.0%; Pred. No.
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                                      Mismatches
                                                       DB 1; Lo
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                                                                       Length 32;
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US-09-920-313-148
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RESULT 126
US-09-949-305B-6
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CURRENT FILING DATE: 2002-01-17
PRIOR APPLICATION NUMBER: US 60/222,479
PRIOR FILING DATE: 2000-08-02
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 22; Conserv
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                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 148
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 148
LENGTH: 24
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                                                                                                                                                                    Query Match 0.3%;
Best Local Similarity 91.7%;
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Nucleic Acids for the Prevention
TITLE OF INVENTION: Treatment of Gastric Ulcers
FILE REFERENCE: C1037/7019 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/920,313
CURRENT FILING DATE: 2001-08-01
PRIOR APPLICATION NUMBER: US 60/222,248
PRIOR FILING DATE: 2001-08-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Chuong, Cheng-Ming
APPLICANT: Widelitz, Randall B.
TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
FILE REFERENCE: 13761-7024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: University of Southern California APPLICANT: Lin, Shi-Lung
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Poly(dT)24 primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                     TYPE: DNA
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                                                                                               4464 TITITITITITITITITITITIGICT 4487
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Chuong, Cheng-Ming
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                                                                                                                                                Score 20.8; D. Pred. No. 1.8e. 0; Mismatches
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Pred. No. 1.8e+02;
0; Mismatches 2;
                                                                                                                                                                  1.8e+02;
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Sequence 6, Application US/09949305B Publication No. US20030022318A1 GENERAL INFORMATION:

GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

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APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/211,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOPTWARE: FBSTSEQ for Windows Version 3.0
SEQ ID NO 841
LENGTH: 24
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US-09-776-479-433
; Sequence 433, Application US/09776479
; Publication No. US20030087848A1
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                                                                   RESULT 128
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                                                                                                                                                                                                                                                                                             US-09-888-326-841
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Best Local Similarity
Matches 22; Conserva
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LENGTH: 24
TYPE: DNA
ORGANISM: artificial sequence
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PRIOR FILING DATE: 2000-01-25
NUMBER OF SEQ ID NOS: 12
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CURRENT APPLICATION NUMBER: US/09/949,305B
CURRENT FILING DATE: 2001-09-07
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APPLICANT: Ying, Shao-Yao
TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
TITLE OF INVENTION: Generation of Related Peptides Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Weiner, George APPLICANT: Hartmann, Gun
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Oligo(dT) primer for RNA polymerase thermocycling procedure
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Local Similarity 91.7%;
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Pred. No. 1.8e+02;
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Pred. No. 1.8e+02;
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FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 433
LENGTH: 24
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US-09-776-479-433
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                                                                                                                                                                                                                                                    RESULT 130
US-09-776-479-961
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               GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Ves
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILLING DATE: 2001-02-02
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Best Local Similarity
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Best Local
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TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
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PRIOR APPLICATION NUMBER: US 60/179,991
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Pred. No. 1.8e+02;
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SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 962 LENGTH: 24

APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093

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Query Match
Best Local Similarity
Matches 22; Conserva
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; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961
                                                      RESULT 132
US-09-776-479-962/c
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Sequence 962, Application US/09776479 Publication No. US20030087848A1 GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 961
LENGTH: 24
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Best Local Similarity 91.7%;
Matches 22; Conservative
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APPLICANT: Petersen, Deanna M
APPLICANT: Fouron, Yves
                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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Pred. No. 1.8e+02
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Pred. No. 1.8e+02
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APPLICANT: DeKeczer, Steve
APPLICANT: DeKeczer, Steve
APPLICANT: Davalian, Dariush
TITLE OF INVENTION: Amplified Luminescent Homogeneous
TITLE OF INVENTION: Immunoassay
FILE REFERENCE: BEH-7385
CURRENT APPLICATION UMBER: US/09/732,047B
CURRENT FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 7
SOPTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 1
LENGTH: 24
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ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-962
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US-09-776-479-962/c
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US-09-732-047B-1/c
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; OTHER INFORMATION: hybridization oligo US-09-732-047B-1
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Best Local Similarity
Matches 22; Conserv
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                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/09732047B Publication No. US20040175696A1
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Best Local Similarity
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                                                                                                                                                                                                                                                                                    APPLICANT: Ullman, Edwin
APPLICANT: Singh, Rajendra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Synthetic Sequence
                                 FEATURE:
                                                ORGANISM: Artificial Sequence
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Pred. No. 1.8e+02;
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Pred. No. 1.8e+02;
0; Mismatches 2
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APPLICANT: EOS BIOTECHNOLOGY, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Contitue of Invention: Methods of Screening for Modulators of Brills Reference: 018501-005210US
CURRENT APPLICATION NUMBER: US/10/058,270A
CURRENT FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 60/263,965
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 60/265,928
PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 09/829,472
PRIOR APPLICATION NUMBER: US 09/829,472
PRIOR APPLICATION NUMBER: US 60/282,698
PRIOR FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: US 60/282,698
PRIOR FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: US 60/282,698
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/284,443
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/294,443
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/294,443
PRIOR FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 141
NUMBER OF SEQ ID NOS: 141
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RESULT 136
US-10-314-578-433
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APPLICANT: Mack, David H.
APPLICANT: Gish, Kurt C.
APPLICANT: Afar, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 140, Application US/10058270A Publication No. US20040029114A1
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Matches 2
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                                                                                                                                                                                 Matches
                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                         NAME/KEY: modified base LOCATION: (8)..(24)
OTHER INFORMATION: t at positions 8-24 may be present or absent
                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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22; Conserv
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Pred. No. 1.8e+02;
0; Mismatches 2;
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Pred. No. 1.8e+02
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Sequence 433, Application US/10314578

Publication No. US20030212026A1

GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25

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US-10-314-578-961
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SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 961
LENGTH: SOFTWARE SO
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Best Local Similarity 91.7%;
Matches 22; Conservative
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Best Local Similarity 91.7%;
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APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
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PRIOR FILING DATE: 1999-09-25
PRIOR PPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
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APPLICANT: Scheti
APPLICANT: Vollm
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PRIOR FILING DATE: 2000-08-23
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Pred. No. 1.8e+02;
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Pred. No. 1.8e+02;
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Sequence 4, Application US/10043415 Publication No. US20020182620A1

GENERAL INFORMATION:

APPLICANT: Kurn, Nurith
APPLICANT: Patel, Rajesh D.
APPLICANT: Patel, Rajesh D.
TITLE OF INVENTION: Quantitative Determination of Nucleic
TITLE OF INVENTION: Acid Amplification Products
FILE REFERENCE: BEH-7408
CURRENT APPLICATION NUMBER: US/10/043,415
CURRENT FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US/09/025,639
PRIOR FILING DATE: 1998-02-18

NUMBER OF SEQ ID NOS: 8

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US-10-043-415-4/c
                  RESULT 140
                                                                                                                                                                                                            , OTHER INFORMATION: Description of Artificial Sequence: cDNA Primer US-10-671-628-10
                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/671,628
CURRENT FILING DATE: 2003-09-29
PRIOR APPLICATION NUMBER: 10/009,962
PRIOR FILING DATE: 2002-01-23
PRIOR APPLICATION NUMBER: PCT/JP00/03806
PRIOR APPLICATION NUMBER: PCT/JP00/03806
PRIOR FILING DATE: 2000-06-12
PRIOR PPLICATION NUMBER: JP11-167439
PRIOR FILING DATE: 1999-06-14
NUMBER OF SEQ ID NOS: 12
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 962
LENGTH: 24
TYPE: DNA
CREANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
LENGTH: 24
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APPLICANT: ITO, Kikukatsu
TITLE OF INVENTION: Plant Thermogenic Genes
FILE REFERENCE: 2003-1386A/WMC/00653
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Best Local S
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Best Local Similarity
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PRIOR FILLING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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Pred. No. 1.8e+02
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Pred. No. 1
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US-10-112-653-415
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                                                                                                                                                                                                                                                                                                                                                                 US-10-112-653-919
                                                APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060(AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR PILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FASTSEQ for Windows Version 3.0
SOFTWARE: FASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FeatSEQ for Windows Version 3.0
SEQ ID NO 415
LENGTH: 24
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Best Local
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APPLICANT: Berg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: CO1039/70060(AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR PILING DATE: 2001-03-29
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ORGANISM: Artificial Sequence
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nes 22; Conserv
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Pred. No. 1.8e+02
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Pred. No. 1.8e+02;
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PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR PILING DATE: 2001-03-29
PRIOR PILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTMARE: PastSEQ for Windows Version 3.0
SEQ ID NO 920
LENGTH: 24
TYPE: DNA
                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 433
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                                                                                                       ; OTHER INFORMATION: Synthetic Sequence US-10-017-995-433
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Best Local Similarity
Matches 22; Conserv
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                                  Query Match
Best Local Similarity
Matches 22; Conserv
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Publication No. US20030055014A1
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Best Local
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APPLICANT: Berg, Daniel J.
TITLE OP INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TITLE OP INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TITLE OP INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMU FILE REFERENCE: CO1039/70060 (AMS)
CURRENT PELICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
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                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic Oligonucleotide
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o. US20030050268A1
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Pred. No. 1.8e+02;
                                                       Score 20.8; DB
Pred. No. 1.8e+0
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Pred. No. 1.8e+02;
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                                                         1.8e+02;
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RESULT 147
US-10-058-513-39
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Best Local Similarity
Matches 22; Conserv
Sequence 39, Application US/10058513
Publication No. USZ0030087245A1
GENERAL INFORMATION:
APPLICANT: Gish, Kurt C.
APPLICANT: Mack, David H.
                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 962
LENGTH: 24
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SEQ ID NO 961
LENGTH: 24
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TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
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APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
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o. US20030055014A1
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Pred. No. 1.8e+02;
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Pred. No. 1.8e+02;
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RESULT 149 US-10-272-502A-2

Sequence 2, Application US/10272502A Publication No. US20030139364A1 GENERAL INFORMATION:

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APPLICANT: Kazazian, Haig H.
APPLICANT: Ostertag, Eric
APPLICANT: DeBerardinis, Ralph
APPLICANT: DeBerardinis, Ralph
ITILE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
FILE REFERENCE: 053893-5006-03
CURRENT APPLICATION NUMBER: US/10/216,122
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US 09/653,812
PRIOR APPLICATION NUMBER: US 08/847,844
PRIOR APPLICATION NUMBER: US 08/847,844
PRIOR FILING DATE: 1997-04-28
PRIOR APPLICATION NUMBER: US 08/749,805
PRIOR APPLICATION NUMBER: US 08/749,805
PRIOR APPLICATION NUMBER: US 60/006,831
PRIOR PILING DATE: 1995-11-16
NUMBER OF SEQ ID NOS: 154
COUNTAINE: PRIOR FILING DATE: 1995-11-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence:T7-(dT)-24; OTHER INFORMATION: primer US-10-058-513-39
                                                                                                                                                             ; OTHER INFORMATION: oligonucleotide annealing US-10-216-122-151
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SEQ ID NO 39
LENGTH: 24
                                                                           Query Match
Best Local Similarity
Matches 22; Conserv
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Best Local Similarity
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APPLICANT: Bos Biotechnology, Inc.
TITLE OF INVENTION: Uses of PBH1 in the Diagnosis and Therapeutic
TITLE OF INVENTION: of Prostate Cancer
FILE REFERENCE: 018501-005910US
CURRENT APPLICATION NUMBER: US/10/058,513
CURRENT FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: US 60/263,951
PRIOR FILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 42
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                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                 LENGTH:
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                     4462 ACTITITITITITITITITITGT 4485
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o. US20030121063A1
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Pred. No. 1.8e+02
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Pred. No. 1.8e+02
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PRIOR APPLICATION NUMBER: US 60/313,273
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: US 60/393,952
PRIOR FILING DATE: 2002-07-03
NUMBER OF SEQ ID NOS: 81
SOFTWARE: PatentIn version 3.1
SEQ ID NO 53
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE: PRICE NUMBER: US 60/393,952
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                                                             RESULT 151
US-10-389-665-4/c
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                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Synthetic Oligonucleotide US-10-224-523-53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bauer, Stefan
APPLICANT: Jurk, Marion
APPLICANT: Jurk, Marion
TITLE OF INVENTION: METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING
TITLE OF INVENTION: IMIDAZOQUINOLINE COMPOUNDS
FILE REFERENCE: CO1039.70065.US
CURRENT APPLICATION NUMBER: US/10/272,502A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/329,208
PRIOR APPLICATION NUMBER: 60/329,208
PRIOR FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 31
SOPTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
Sequence 4, Application US/10389665 Publication No. US20030175785A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                   Matches
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Best Local Similarity 91.7%;
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APPLICANT: Vollmer, Jorg
APPLICANT: Vollmer, Jorg
APPLICANT: Ulhmann, Eugen
TITLE OF INVENTION: Combination Motif Immune Stimulatory Oligonucleotides with Improv
TITLE OF INVENTION: Activity
FILE REFERENCE: C01039/70063 (HCL/AWS)
CURRENT APPLICATION NUMBER: US/10/224,523
CURRENT FILING DATE: 2002-08-19
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APPLICANT: Schetter, Chris
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Bratzler, Robert L.
Vollmer, Jorg
Bauer, Stefan
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Pred. No. 1.8e+02;
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Pred. No. 1.8e+02;
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; Sequence 14, Application, Publication No. US200400; GENERAL INFORMATION: APPLICANT: XIA, JAMES APPLICANT: BRUSH, CHAR

Application US/10360511

US20040014078A1

APPLICANT:

BRUSH, CHARLES GUPTA, VINEET HUANG, HESHU

MARACAS, GEORGE MARRERO, ROBERT

CHANGMING

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PEATURE:
NAME/KEY: misc_binding
LOCATION: (1)...(24)
OTHER INFORMATION: Synthetic DNA Probe
US-10-389-665-4
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RESULT 153
US-10-360-511-14
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Publication No. US2004006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Rigardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR PILING DATE: 2002-05-30
                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 24
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LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                            Matches
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Best Local Similarity
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Best Local (
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PRIOR FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 8
SOPTWARE.
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APPLICANT: Patel, Rajesh D.
TITLE OF INVENTION: Quantitative Determination of Nucleic
TITLE OF INVENTION: Acid Amplification Products
FILE REFERENCE: BEH-7408
CURRENT PRILING DATE: 2003-03-14
CURRENT FILING DATE: 2003-03-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                  OTHER INFORMATION: PCR primer
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                                                                                                                                                                                                                                                                                      TYPE: DNA
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Pred. No. 1.8e+02;
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Pred. No. 1.8e+02;
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RESULT 155
US-10-374-307-13/c
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US-10-062-188-106
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Sequence 13, Application US/10374307

Publication No. US20040170984A1

GENERAL INFORMATION:
APPLICANT: Leproust, Eric M.
APPLICANT: Kronick, Mel N.
TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
TITLE OF INVENTION: SYNTHESIS DEVICE
FILE REFERENCE: AGIL-078
CURRENT APPLICATION NUMBER: US/10/374,307
CURRENT FILING DATE: 2003-02-25
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Publication No. US20040096826A1

GENERAL INFORMATION:
APPLICANT: Evans, Glen A.

TITLE OF INVENTION: Products Between Nucleotide Sequences
TITLE OF INVENTION: Products Between Nucleotide Sequences
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 106
LENGTH: 24
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SEQ ID NO 14
LENGTH: 24
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Best Local Similarity
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Best Local (
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CURRENT APPLICATION NUMBER: US/10/360,511
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: 60/355,374
PRIOR FILING DATE: 2002-02-06
NUMBER OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: P-EA 5008
CURRENT APPLICATION NUMBER: US/10/062,188
CURRENT FILING DATE: 2001-01-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
OTHER INFORMATION: synthetic construct
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Local Similarity 91.7%;
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Pred. No. 1.8e+02;
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Pred. No. 1.8e+02;
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NUMBER OF SEQ ID NOS: 21
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 24
TYPE: DNA
CRGANISM: Homo sapien
US-10-374-307-16
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US-10-374-307-16
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; OTHER INFORMATION: calix[4] arene-nucleoside of chemical formula 1 US-10-480-013-2
                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 157
US-10-480-013-2
                                                                                                                           Sequence 2, Application US/10480013
Publication No. US20040157794A1
GENERAL INFORMATION:
APPLICANT: Pohang Foundation
TITLE OF INVENTION: CALIX[4] ARENE-NUCLEOSIDE AND CALIX[4] ARENE-OLIGONUCLEOTIDE
TITLE OF INVENTION: HYBRIDS
FILE REFERENCE: PCA20633/PSC
CURRENT APPLICATION NUMBER: US/10/480,013
CURRENT FILING DATE: 2003-12-04
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Kopatentin 1.71
SEQ ID NO 2
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/10374307

Publication No. US20040170984A1

GENERAL INFORMATION:
APPLICANT: Leproust, Eric M.
APPLICANT: Amorese, Douglas A.
APPLICANT: Kronick, Mel N.
APPLICANT: APPLICATION NUMBER: US/10/374,307
CURRENT APPLICATION NUMBER: US/10/374,307
CURRENT FILING DATE: 2003-02-25
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SOFTMARE: FASTSEQ for Windows Version
SEQ ID NO 13
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapien
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Best Local Similarity
Matches 22; Conserv
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                                                                          FEATURE:
OTHER INFORMATION:
FEATURE:
                                     NAME/KEY: misc_feature
LOCATION: (13)
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Pred. No. 1.8e+02;
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Pred. No. 1.8e+02;
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US-10-369-036B-42
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RESULT 160
US-10-344-741-21
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                                                                                                                                                                                                   / OTHER INFORMATION: Oligonucleotide US-10-152-992-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-152-992-3
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Publication No. US20030228593A1
GENERAL INFORMATION:
APPLICANT: Suga, Hiroaki et al.
TITLE OF INVENTION: Ribozymes with broad tRNA aminoacylation activity
FILE REFERENCE: 11520.0790
CURRENT APPLICATION NUMBER: US/10/369,036B
CURRENT FILING DATE: 2003-02-18
PRIOR APPLICATION NUMBER: 60/357,424
PRIOR PILING DATE: 2002-02-15
NUMBER OF SEQ ID NOS: 61
SEQ ID NO 42
LENGTH: 30

TYPE: NUMBER: 1000-12-15
SEQ ID NO 42
LENGTH: 30
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Best Local Similarity
Matches 22; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Kort, Thomas F.
APPLICANT: Astatke, Mekbib
TITLE OF INVENTION: Compositions and Methods for Extension of Nucleic Acids
FILE REFERENCE: 0942.5270001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/10152992 Publication No. US20030129607A1
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Best Local (
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CURRENT FILING DATE: 2002-05-23
PRIOR APPLICATION NUMBER: US 60/293,182
PRIOR PILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: artificial sequence FEATURE:
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llarity 91.7%;
Conservative (
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Pred. No. 2.5e.
0; Mismatches
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Pred. No. 1.9e+02;
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APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
APPLICANT: Lander, Eric S.
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.2009-001
CURRENT APPLICATION NUMBER: US/09/801,274
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US 60/187,510
PRIOR APPLICATION NUMBER: US 60/206,129
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 439
LENGTH: 31
TYPE: DNA
ORGANISM: Homo sapiens
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Publication No. US20040038371A1
GENERAL INFORMATION:
APPLICANT: Basten, Danielle
APPLICANT: Dekker, Petrus, Jacobus, APPLICANT: Schuurhulzen, Paul, Willia APPLICANT: Schap, petrus, Johannes APPLICANT: Viseer, Jacob
RESULT 162

US-09-801-274-1526

; Sequence 1526, Application US/09801274

; Patent NO. US20020032319A1

; GENERAL INFORMATION:
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; ORGANISM: Artificial sequence
; PEATURE:
; OTHER INFORMATION: Poly-T primer
US-10-344-741-21
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Patent No. US20020032319A1
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: EP/NL 00202995.7
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 24
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Best Local Similarity 95.2%;
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Best Local Similarity
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APPLICANT: Visser, Jacob
APPLICANT: DSM, W.
APPLICANT: DSM, W.
TITLE OF INVENTION: NO. US20040038371A1el Aminopeptidase
FILE REFERENCE: 24615-20187.00
CURRENT APPLICATION UNMBER: US/10/344,741
CURRENT FILING DATE: 2001-08-22
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Schuurhuizen, Paul, William
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Pred. No. 2.8e+02;
1; Mismatches 0;

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Pred. No. 1.9e+02;
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APPLICANT: Cargill, Michele

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APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.2009-001
CURRENT APPLICATION NUMBER: US/09/801,274
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US 60/187,510
PRIOR FILING DATE: 2000-03-07
PRIOR APPLICATION NUMBER: US 60/206,129
PRIOR FILING DATE: 2000-05-22
NUMBER OF SEQ ID NOS: 1802
SOFTMARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1526
                                                                                                                                                                RESULT 164
US-10-335-573-6
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; ORGANISM: Homo sapiens
US-10-216-122-94
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; ORGANISM: Homo sapiens
US-09-801-274-1526
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Sequence 6, Application US/1033573
Publication No. US20040126770A1
GENERAL INFORMATION:
APPLICANT: Kumar, Gyanendra
APPLICANT: Abarzua, Patricio
TITLE OP INVENTION: ROLLING CIRCLE
FILE REFERENCE: 13172.0021U1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.1
SEQ ID NO 94
LENGTH: 22
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Best Local Similarity 95.5%;
Matches 21; Conservative
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Best Local Similarity
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APPLICANT: OBTECTAG, Eric
APPLICANT: DeBerardinis, Ralph
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
TITLE REFERENCE: 053893-5006-03
CURRENT APPLICATION NUMBER: US 09/653,812
PRIOR APPLICATION NUMBER: US 09/653,812
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: US 08/847,844
PRIOR FILING DATE: 1997-04-28
PRIOR FILING DATE: 1997-04-28
PRIOR FILING DATE: 1995-11-15
PRIOR APPLICATION NUMBER: US 08/749,805
PRIOR FILING DATE: 1995-11-16
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Pred. No. 1.8e+02;
0; Mismatches 1;
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Sequence 4, Application US/10291986 Publication No. US20030215825A1

GENERAL INFORMATION:

APPLICANT: SUN-WING, TONG
TITLE OF INVENTION: IMPROVED METHOD OF DETECTING MOLECULAR TARGET
TITLE OF INVENTION: PARTICULATE BINDING
FILE REFERENCE: 5321-3
CURRENT APPLICATION NUMBER: US/10/291,986
CURRENT FILING DATE: 2002-11-12
PRIOR APPLICATION NUMBER: AU PS1597
PRIOR APPLICATION NUMBER: AU PS1597
PRIOR APPLICATION NUMBER: AU PS1597
PRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 7

SOFTWARE: PatentIn Ver. 2.1

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PRIOR FILING DATE: 2002-07-26
PRIOR FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 59
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial
FEATURE:
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                                                                              문
                                                                                                                                                                                                                              ; OTHER INFORMATION: PCR Primer US-10-205-841-26
US-10-291-986-4/c
                    RESULT 166
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CURRENT FILING DATE: 2002-12-31
NUMBER OF SEO ID NOS: 6
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 22
TYPE: DNA
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Best Local Similarity 95.5%; Pred. No. 1.8e+02
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Best Local Similarity
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APPLICANT: Scherer, Stewart
APPLICANT: Scherer, Stewart
APPLICANT: Philips, John
APPLICANT: Ziman, Michael
APPLICANT: Marini, Nicholas
TITLE OF INVENTION: METHODS FOR THE IDENTIFICATION OF REPORTER AND TARGET MOLECULES
TITLE OF INVENTION: USING COMPREHENSIVE GENE EXPRESSION PROFILES
FILE REFERENCE: 9301-187
CURRENT APPLICATION NUMBER: US/10/205,841
CURRENT FILING DATE: 2002-07-26
CURRENT FILING DATE: 2002-07-26
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                                                                                                4459 TGGACTTTTTTTTTTTTTTTT 4480
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                                                                                                                                                        Conservative
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Pred. No. 2.
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; OTHER INFORMATION: synthetically generated primer US-09-853-745-37
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Feng, Yu
APPLICANT: Tang, Hengli
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PRODUCTION
TITLE OF INVENTION: COMPOSITIONS AND RNA VIRUS-BASED VECTOR PARTICLES
FILE REFERENCE: 12934-002001
CURRENT APPLICATION NUMBER: US/09/853,745
CURRENT FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 60/206,997
PRIOR RILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FRAELSEQ for Windows Version 4.0
SEQ ID NO 37
LENGTH: 30
                                                                                                                                                                                                                                                                                                        Sequence 99, Application US/10133937 Publication No. US20030207278A1 GENERAL INFORMATION:
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Best Local
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LENGTH: 29
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                                               SOFTWARE: PatentIn version 3.1
SEQ ID NO 99
LENGTH: 21
                                                                                                 APPLICANT: Peterson, Carsten
APPLICANT: Meltzer, Paul
TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,
TITLE OF INVENTION: DIAGNOSING, PROGNOSTICATING, AND/OR PREDICTING DISEASES AND
TITLE OF INVENTION: OTHER BIOLOGICAL STATES
FILE REFERENCE: 11613.56US01
CURRENT APPLICATION NUMBER: US/10/133,937
CURRENT FILING DATE: 2002-11-04
NUMBER OF SECIL NOS: 99
                                                                                                                                                                                                                                                                        APPLICANT: Khan, Javed APPLICANT: Ringner, M.
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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                                  TYPE: DNA
FEATURE:
               ORGANISM: Artificial Sequence
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Pred. No. 2
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APPLICANT: Ringner, Markus

APPLICANT: Peterson, Carsten

APPLICANT: Meltzer, Paul

ITITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR TITLE OF INVENTION: DIAGNOSIS AND FOR TARGETING THE THERAPY OF SELECT CANCERS FILE REFERENCE: 11613.56US11

CURRENT APPLICATION NUMBER: US/10/159,563

CURRENT FILING DATE: 2002-12-09

PRIOR APPLICATION NUMBER: US 10/133,937

PRIOR APPLICATION NUMBER: US 10/133,937

PRIOR PILING DATE: 2002-04-25

NUMBER OF SEQ ID NOS: 444

SOFTWARE: Patentin version 3.1

SEQ ID NO 99

LENGTH: 21

TYPE: DNA
ORGANTO:
                                                                                                                                     PRIOR APPLICATION NUMBER: JP 2002-103333
PRIOR FILING DATE: 2002-04-05
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 56
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial sequence
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                                                   ; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (22)
; OTHER INFORMATION: partial sequence of AL365356 , n is a,
US-10-314-321A-56
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                                                                                                                                                                                                                                                                             Sequence 56, Application US/10314321A
Publication No. US20030190648A1
GENERRAL INFORMATION:
APPLICANT: Hitachi, Ltd.
TITLE OF INVENTION: Gene Predicting Method
PILE REFERENCE: 310101185US1
CURRENT APPLICATION NUMBER: US/10/314,321A
CURRENT FILLING DATE: 2002-12-09
CURRENT FILLING DATE: 2002-12-09
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Best Local Similarity
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Query Match
Best Local Similarity
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OTHER INFORMATION: Primer
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No. US20030190648A1
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Pred. No. 1.9e+02;
   Score 20.2; DB 1;
Pred. No. 2e+02;
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CURRENT APPLICATION NUMBER: US/10/002,536A

CURRENT FILING DATE: 2003-02-11

NUMBER OF SEQ ID NOS: 5

SOFTWARE: PatentIn version 3.1

SEQ ID NO 2

LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 148, Applic Publication No. US20 GENERAL INFORMATION:
                                                                                  Query Match
Best Local
                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 148
LENGTH: 27
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                                                                                                                                                                                                                                                                                       APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR APPLICATION NUMBER: 60/373,558
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APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING
TITLE OF INVENTION: (MRNAS) IN EUKARYOTIC ORGANISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: This is a synthesized sequence.
                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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NAME/KEY: misc_feature

LOCATION: (23)...(25)

OTHER INFORMATION: n may be selected from a or c or
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Pred. No. 2.4e+02;
1; Mismatches 0;
                                                                                  Score 20.2; DB 1
Pred. No. 2.7e+02
                                                                  Mismatches
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PRIOR PELICATION NUMBER: US 09/569,344
PRIOR PELICATION NUMBER: US 09/569,344
PRIOR PELICATION NUMBER: US 08/805,631
PRIOR PELICATION NUMBER: US 08/805,631
PRIOR APPLICATION NUMBER: US 08/39,439
PRIOR PELICATION NUMBER: US 08/39,439
PRIOR PELICATION NUMBER: US 08/047,860
PRIOR PELICATION NU
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APPLICANT: University of Rochester
APPLICANT: Kool, Eric
APPLICANT: Kool, Eric
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA
FILE REFERENCE: 220.00010142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/10194138
Publication No. US20030082588A1
GENERAL INFORMATION:
APPLICANT: Nanosphere, Inc.
APPLICANT: Garimella, Viewanadham
TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
FILE REFERENCE: 01-897-B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 31
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Query Match 0.3%;
Best Local Similarity 88.0%;
Matches 22; Conservative
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CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: 60/363472
PRIOR FILING DATE: 2002-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/305369 PRIOR FILING DATE: 2001-07-13
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: multimer
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           Score 20.2; Di
Pred. No. 3.3e
0; Mismatches
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3.3e+02;
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                 Indels
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US-09-973-788A-55/c
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US-09-973-638A-55/c
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CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PRIOR DATE: 2000-06-26
PRIOR PRICING DATE: 1999-06-25
PRIOR PRICING DATE: 1999-06-25
PRIOR PRICING DATE: 1999-06-25
PRIOR PRICING DATE: 1999-01-29
PRIOR PRILING DATE: 1999-01-29
PRIOR PRILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILING DATE: 1996-07-29
PRIOR PRILING DATE: 1996-07-29
PRIOR PRILING DATE: 1996-07-29
PRIOR PRILING DATE: 1996-07-29
PRIOR PILING DATE: 2000-04-26
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LENGTH: 20
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APPLICANT: Mirkin, Chad A.
APPLICANT: Letesinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
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                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 55, Application US/09973638A Patent No. US20020137070A1
                        APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-19
CURRENT APPLICATION NUMBER: US/09/973,638A
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
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SOFTWARE: Microsoft Word 2000
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APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i10
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: 09/344,667
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Mucic, Robert C.
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APPLICANT: MCCIC, ROBERT C.

APPLICANT: Storhoff, James J.

APPLICANT: Storhoff, James J.

APPLICANT: Elghanian, Robert

APPLICANT: Taton, Thomas A.

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION NUMBER: US/09/974,007

CURRENT PILLING DATE: 2002-03-12

PRIOR APPLICATION NUMBER: 09/9603,830

PRIOR FILLING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/944,667

PRIOR APPLICATION NUMBER: 09/244,755

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR APPLICATION NUMBER: 00/200,161

PRIOR FILLING DATE: 1900-04-26

NUMBER: 0F SEQ ID NOS: 64

SOFTWARE: MICROSCH WORD 2000
                                                                                                                                                 ; ORGANISM: Artificial Sequence ; PERTURE: ; OTHER INFORMATION: Description of Artificial Sequence:random ; OTHER INFORMATION: Synthetic sequence US-09-974-007-55
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US-09-974-007-55/c
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PRIOR APPLICATION NUMBER: 09/240,755
PRIOR PILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR PILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
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SEQ ID NO 55
LENGTH: 20
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SEQ ID NO 55
LENGTH: 20
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Patent No. U
                                                  Query Match
Best Local Similarity
Matches 20; Conserv
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                   TYPE: DNA
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     4464 TTTTTTTTTTTTTTTTTT 4483
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                                               0.3%; Score 20; DB ilarity 100.0%; Pred. No. 1. Conservative 0; Mismatches
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PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
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US-09-961-949A-55/c
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CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: DT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
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APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Rob
APPLICANT: Mucic, Robert
APPLICANT: Storhoff, Jame
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Patent No. US20020137072A1
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 55, Application US/09961949A Patent No. US20020146720A1
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Best Local Similarity
                    CURRENT APPLICATION NUMBER: US/09/961,949A CURRENT FILING DATE: 2001-09-20 PRIOR APPLICATION NUMBER: 09/603,830 PRIOR FILING DATE: 2000-06-26 PRIOR APPLICATION NUMBER: 09/344,667 PRIOR FILING DATE: 1999-06-25
                                                                                                                                                          APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
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APPLICATION NUMBER: 09/240,755
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Mucic, Robert C.
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Mucic, Robert C.
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APPLICANT: TATON, THOMAS A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: NAND USES THEREFOR
FILE REFERENCE: 00-715-A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/60,500A
CURRENT FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 199-06-25
PRIOR APPLICATION NUMBER: 09/244,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR PILING DATE: 2000-04-26
                                                                                                                        ; OTHER INFORMATION: Description of Artificial ; OTHER INFORMATION: synthetic sequence US-09-760-500A-55
                                                                                                                                                                                SOPTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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SEQ ID NO 55
LENGTH: 20
                                                     Query Match
Best Local Similarity
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Best Local S
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PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR PILING DATE: 2000-04-26
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ORGANISM: Artificial Sequence
FEATURE:
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US20020155442A1
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100.0%; Pred. No.
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Pred. No. 1.9e+02;
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RESULT 181 US-09-967-409A-55/c

Sequence 55, Application US/09967409A Patent No. US20020155458A1

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US-09-967-409A-55
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SEQ ID NO 55
LENGTH: 20
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GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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APPLICANT: Taton, Thomas A.
TITLE OP INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OP INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-111
CURRENT PEPLICATION NUMBER: US/09/975,062A
CURRENT PILING DATE: 2001-10-11
CURRENT PILING DATE: 2001-10-11
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PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
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                                                                                                                                                                                                                                                                                                                            APPLICANT: Letsinger, Robert L. APPLICANT: Mucic, Robert C.
                                                      PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mirkin, Chad A.
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ORGANISM: Artificial Sequence
FEATURE:
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                APPLICATION NUMBER: 09/240,755
FILING DATE: 1999-01-29
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: Storhoff, James J.
: Elghanian, Robert
: Taton, Thomas A.
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NUMBER: PCT/US97/12783
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PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PLLING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 20
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/976,378A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR PILING DATE: 2000-06-26
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PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-125
                                                                                                                                                                                                                                                                                            SOFTWARE: Microsoft Word 2000
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PRIOR FILING DATE: 2000-04-26
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                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/031,809 FILING DATE: 1996-07-29
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APPLICATION NUMBER: PCT/US97/12783
FILING DATE: 1997-07-21
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Elghanian, Robert
Taton, Thomas A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Letsinger, Robert L.
Mucic, Robert C.
                                                                    0.3%; Score 20; ilarity 100.0%; Pred. No. Conservative 0; Mismatcl
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                                TTTTTTTTT 4483
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100.0%; Pred. No.
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                                                                          Mismatches
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATT.
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-120
CURRENT APPLICATION NUMBER: US/09/976,577
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PILING DATE: 1999-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR PILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 05/240,755
PRIOR APPLICATION NUMBER: 05/031,809
PRIOR APPLICATION NUMBER: 60/031,809
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SOFTWARE: PatentIn v
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
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SEQ ID NO 55
LENGTH: 20
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APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Rob
APPLICANT: Mucic, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5, Application US/09771554 Patent No. US20020155496A1
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                                                                                           CURRENT APPLICATION NUMBER: US/09/771,554
CURRENT FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: PCT/FR99/01846
PRIOR FILING DATE: 1999-07-27
PRIOR FILING DATE: 1999-07-27
PRIOR APPLICATION NUMBER: FR 98/10084
PRIOR FILING DATE: 1998-07-31
NUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                                                                                                                                    APPLICANT: CHARLES, Marie Helene
APPLICANT: PICA, Nadia
APPLICANT: BATTAIL-POIROT, Nico:
APPLICANT: VERON, Laurent
APPLICANT: DELAIR, Thierry
APPLICANT: MANDRAND, Bernard
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                                                                                                                                                                                                                                                                        APPLICANT: MANDRAND, Bernard TITLE OF INVENTION: SATURATED AND UNSATURATED ABIETANE DERIVATIVES, TITLE OF INVENTION: USES IN A DIAGNOSTIC COMPOSITION, A REAGENT AN FILE REFERENCE: 108473
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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ORGANISM: Artificial Sequence
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Elghanian, Robert
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; Pred. No. 1.9e+02;
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US-09-927-777A-55/c

Sequence 55, Application US/09927777A
Patent No. US20020172953A1
GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert

RESULT 187

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                                     S
                                                                                                                                                                    ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence
US-09-966-312-55
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                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/966,312
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PELICATION NUMBER: 09/344,667
PRIOR PELICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 07/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
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SEQ ID NO 55
LENGTH: 20
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                                                                                    Matches
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Best Local S
                                                                                                                            Query Match
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APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-15
                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/200,161 PRIOR FILING DATE: 2000-04-26
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                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                      Local Similarity 100.0%;
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                                          4464 TITTTTTTTTTTTTTTT 4483
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                                                                                  Conservative
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                                                                                                          0.3%; Score 20;
100.0%; Pred. No.
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Pred. No.
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                                                                                      Mismatches
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                                                                                                                                DB 1;
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                                                                                                            1.9e+02;
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                                                                                      Indels
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                                                                                      Gaps
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SOPTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-927-777A-70/C
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PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR APPLICATION NUMBER: 60/176,409
                                                                                                                                                                                                                                                                                     Sequence 70, Application US/09927777A Patent No. US20020172953A1
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Best Local Similarity
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APPLICANT:
                                                                                    APPLICANT:
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PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2000-12-08
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PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/224,631
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PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR FILING DATE: 2001-01-12
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CURRENT APPLICATION NUMBER: US/09/927,777A
CURRENT FILING DATE: 2001-08-10
                                                                                                                                                                                                                   APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
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NUMBER OF SEQ ID NOS: 76
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/255,235
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PRIOR APPLICATION NUMBER: 60/200,161
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                                                                                                                                                                                                   APPLICANT:
IITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO IITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-653-A
                                                                  APPLICANT:
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Mucic, Robert C.
Storhoff, James J.
Elghanian, Robert
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                                                                                                         Garimella, Viswanadham
                                                                                                                                  Taton, Thomas A.
                                                                  Park, So-Jung
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100.0%; Pred. No.
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CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR PILING DATE: 2001-01-12
PRIOR PILING DATE: 2001-01-26
PRIOR PILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
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CURRENT APPLICATION NUMBER: US/09/966,491A CURRENT FILING DATE: 2002-03-12 PRIOR APPLICATION NUMBER: 09/603,830 PRIOR FILING DATE: 2000-06-26 PRIOR APPLICATION NUMBER: 09/344,667 PRIOR APPLICATION NUMBER: 09/344,667 PRIOR FILING DATE: 1999-06-25 PRIOR APPLICATION NUMBER: 09/240,755 PRIOR APPLICATION NUMBER: 09/240,755 PRIOR FILING DATE: 1999-01-29
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
                                                                                                                                                                                                                                                                                                                                                                                                Sequence 55, Appropriate Publication No.
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                                                                                                                                                                            TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-14
                                                                                                                                                                                                                                                                                                                                APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/255,235 PRIOR FILING DATE: 2000-12-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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FILING DATE: 2000-08-11
APPLICATION NUMBER: 60/254,392
FILING DATE: 2000-12-08
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FILING DATE: 1997-07-21
APPLICATION NUMBER: 60/031,809
FILING DATE: 1996-07-29
APPLICATION NUMBER: 60/176,409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 09/344,667 FILING DATE: 1999-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/192,699 FILING DATE: 2000-03-28
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Elghanian, Robert
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No. US20020182611A1
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                                                                                                                                                                                                                                                                                                              Robert C.
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100.0%; Pred. No.
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APPLICATION NUMBER: PCT/US97/12783

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APPLICANT: TACON, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i18
CURRENT APPLICATION NUMBER: US/09/976,971A
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/63,830
PRIOR FILING DATE: 1990-06-26
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/244,667
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 2000-04-26
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Publication No. US20020182613A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                         SEQ ID NO 55
LENGTH: 20
                                                                                       Matches
                                                                                                                               Query Match
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                                                                                                          Best Local Similarity
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PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                  TYPE: DNA
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                                                                                     Conservative
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100.0%; Pred. No. 1.9e+02;
                                                                                                       0.3%; Score 20; DB 1; I
100.0%; Pred. No. 1.9e+02;
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                                                                                   0;
                                         T 4483
                                                                                     Mismatches
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APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
ITILE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
ITILE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1085-A
CURRENT APPLICATION NUMBER: US/09/820,279B
CURRENT FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 1200-06-26
PRIOR FILING DATE: 1200-06-26
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
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APPLICANT: Watson, James D.

APPLICANT: Watson, Paul L.J.

APPLICANT: Tan, Paul L.J.

APPLICANT: Prestidge, Ross

TITLE OF INVENTION: Methods and Compounds for the Treatment

TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders

FILE REFERENCE: 11000.1007c2

CURRENT APPLICATION NUMBER: US/09/880,505

CURRENT FILING DATE: 2001-06-13

PRIOR APPLICATION NUMBER: US/99/324,542

PRIOR APPLICATION NUMBER: US/99/324,542

PRIOR APPLICATION NUMBER: US/99/324,542
                                                                                                        SEQ ID NO 55
LENGTH: 20
TYPE: DNA
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 100.0%; Pred. No.
Matches 20; Conservative 0; Mismatch
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Publication No. US20030007976A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 55, Appropriate Publication No.
                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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APPLICANT:
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SOPTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 08/997,080 PRIOR FILING DATE: 1997-12-23
                                                                                                                                                                                     SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 64
                                                    ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4464 TTTTTTTTTTTTTTTTTT 4483
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APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 20
                                                                                                                                                    APPLICANT: Hartmann, Gunther
TITILE OF INVENTION: Methods for Enhancing Antibody-Induced
TITILE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 838
LENGTH: 20
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US-09-888-326-838
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Publication No. US20030026801A1
GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity 100.0%;
Matches 20; Conservative (
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PEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc feature
LOCATION: (0)...(0)
OTHER INFORMATION: phosphorothicate backbone
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OTHER INFORMATION: Synthetic oligonucleotide
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                                                                                                                  ORGANISM: Artificial Sequence
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100.0%; Pred. No.
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APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-122
CURRENT APPLICATION NUMBER: US/09/981,344
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR PILING DATE: 1999-06-25
PRIOR PILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 00/01000
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US-09-888-326-839
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 839
LENGTH: 20
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Best Local Similarity
Matches 20; Conservat
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APPLICANT: Letsinge
APPLICANT: Mucic, F
APPLICANT: Storhoff
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Publication No.
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APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Synthetic oligonucleotide NAME/KEY: misc_feature LOCATION: (0)...(0) OTHER INFORMATION: phosphodiester backbone
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ORGANISM: Artificial Sequence
FEATURE:
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APPLICATION NUMBER: 60/031,809 FILING DATE: 1996-07-29
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100.0%; Pred. No. 1.9
ive 0; Mismatches
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RESULT 198
US-09-974-500A-55/c
; Sequence 55, Application US/09974500A
; Publication No. US20030049631A1
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US-09-957-318A-55/c
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                                                                                                                                                                                                                                                                                     US-09-957-318A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
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APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                       Local Similarity
nes 20; Conserv
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Storhoff, James J.
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100.0%; Pred. No.
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Pred. No.
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APPLICANT: SCOTHOFF, James J.
APPLICANT: Bighanian, Robert
APPLICANT: Bighanian, Robert
APPLICANT: Bighanian, Robert
TITLE OF INVENTION: NANDERTICLES HAVING OLIGONUCLECTIDES ATT
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-112
CURRENT APPLICATION NUMBER: US/09/975,376A
CURRENT ELING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILLING DATE: 1999-06-26
PRIOR FILLING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 07/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILLING DATE: 1997-07-21
PRIOR FILLING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/231,809
PRIOR APPLICATION NUMBER: 60/230,161
PRIOR APPLICATION NUMBER: 60/230,161
PRIOR APPLICATION DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/240,761
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR PRIOR PRICOR NUMBER: 09/240,755
PRIOR PRIOR PRICO NUMBER: 09/240,755
PRIOR PRICICATION NUMBER: PCT/US97/12783
PRIOR PRICO DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/230,161
PRIOR PILING DATE: 1996-07-29
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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Best Local (
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APPLICANT:
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APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANDPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-17
CURRENT APPLICATION NUMBER: US/09/974,500A
CURRENT FILING DATE: 2002-04-01
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Storhoff, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mucic, Robert C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/09975376A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Chad A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                   ATTACHED THERETO
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SEQ ID NOS: 64

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APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANDMERICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i3
CURRENT APPLICATION NUMBER: US/09/957,313A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-09-957-313A-55
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                                                                             RESULT 201
US-09-912-014-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
Type: ****
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SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 55, Application US/09957313A Publication No. US20030059777A1 GENERAL INFORMATION:
             Sequence 16, Application US/09912014
Publication No. US20030059929A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%; Score 20; DB 1; Best Local Similarity 100.0%; Pred. No. 1.9e+02
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                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mirkin, Chad A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                           Local Similarity
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APPLICANT: Heller, Michael J.; and Tu, Eugene
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                                                                                                                                                                                                                                                                           0.3%; Score 20;
100.0%; Pred. No.
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 20;
                                        SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                     APPLICANT: Apuya, Nestor R.
APPLICANT: Tatarinova, Tatiana
APPLICANT: Goldberg, Robert B.
APPLICANT: Goldberg, Robert B.
APPLICANT: Ceres, Inc.
TITLE OF INVENTION: Polymucleotides Useful for Modulationg Transcription
FILE REFERENCE: 023070-115810US
CURRENT APPLICATION NUMBER: US/09/997,672
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US 60/253,672
PRIOR FILING DATE: 2000-11-28
                                                                                                                                                                                                                                                                                                             APPLICANT: Weterings, Koen
APPLICANT: Apuya, Nestor I
APPLICANT: Tatarinova, Tal
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INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
LENGTH: 20
                                                                                       NUMBER OF SEQ ID NOS: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Natch 0.3%; Score 20; DB 1; Length 20; Local Similarity 100.0%; Pred. No. 1.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPorfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/912,014
PILING DATE: 24-U1-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
DIAGNOSTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/146,504
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 90017
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REPERENCE/DOCKET NUMBER: 203/218
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4464 TITTTTTTTTTTTTTTT 4483
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITTTTTTTTTTTTTT 20
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                                                                                                                                                                                                                                                                                                                                                                                                         Application US/09997672
10. US20030061632A1
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ORGANISM: Artificial Sequence

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APPLICANT: TATON, TROMAS A.

APPLICANT: TATON, TROMAS A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION: AND USES THEREFOR

FILE REFERENCE: 00-713-i19

CURRENT APPLICATION NUMBER: US/09/976,863A

CURRENT FILING DATE: 2001-10-12

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR FILING DATE: 1999-06-26

PRIOR FILING DATE: 1999-07-31

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: PCT/US97/12783

PRIOR FILING DATE: 1999-01-29

PRIOR FILING DATE: 1999-07-29

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR APPLICATION NUMBER: 60/031,809
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US-09-976-863A-55/c
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                                                              Sequence 2, Application US/09881535
Publication No. US20030069410A1
GENERAL INFORMATION:
APPLICANT: Ravikumar, Vasulinga T.
TITLE OF INVENTION: Methods For Preparing Oligonucleotides Having Chiral Phosphorothi
TITLE OF INVENTION: Linkages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mirkin, Chad A
APPLICANT: Letsinger, Rob
APPLICANT: Mucic, Robert
FILE REFERENCE: ISIS4785
CURRENT APPLICATION NUMBER: US/09/881,535
CURRENT FILING DATE: 2001-06-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/200,161 PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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es 20; Conserv
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100.0%; Pred. No. 1.9e+02;
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Pred. No.
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Sequence 226, Application US/09776479

Publication No. US20040067902A9

GENERAL INFORMATION:

APPLICANT: Paterier, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Pouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: PRASTSEQ for Windows Version 3.0

SEQ ID NO 226

LENGTH: 20

TYPE: NNA
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APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Petersen, Deanna M.

APPLICANT: Pouron, Yves

ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR PILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 226

LENGTH: 20
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US-09-776-479-226
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                                                                                                                                                                                                                                                                                                                                                                  US-09-776-479-226
                                                                                                                                                                                                                                                                                                                                                                                          RESULT 206
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SOFTWARE: PatentIn vers:
SEQ ID NO 2
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Best Local Similarity
Matches 20; Conserv
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Best Local S
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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5. US20030087848A1
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%; Pred. No. 1.9
0; Mismatches
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Pred. No.
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APPLICANT: Petersen, Deanna M.

APPLICANT: Petersen, Deanna M.

APPLICANT: Potersen, Deanna M.

APPLICANT: Potersen, Deanna M.

APPLICANT: Potersen, Deanna M.

ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT APPLICATION NUMBER: US/09/776,479

FRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR PILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTMARE: PastSEQ for Windows Version 3.0

SEQ ID NO 556

LENGTH: 20
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US-09-776-479-556
US-09-776-479-556
; Sequence 556, Application US/09776479
; Publication No. US20040067902A9
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US-09-776-479-556
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Best Local Similarity
Matches 20; Conserv
                                                        NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FRETSEQ for Windows Version 3.0
SEQ ID NO 556
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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OTHER INFORMATION: Synthetic Sequence -09-776-479-556
                                                                                                                                                                                   APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
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                                        FEATURE:
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L00.0%; Pred. No. 1.9e+02;
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; Pred. No. 1.9
0; Mismatches
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER IMFORMATION: Synthetic Sequence
US-09-776-479-560
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US-09-776-479-560/c
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Query Match
Best Local Similarity
Matches 20; Conserv
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SEQ ID NO 560
LENGTH: 20
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LENGTH: 20
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Best Local
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                                                                                                                                                                                                                                                                       APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
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                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%; Score 20; DB 1; Length 20; Local Similarity 100.0%; Pred. No. 1.9e+02; es 20; Conservative 0; Mismatches 0; Indels
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        0.3%; Score 20; DB 1; Lilarity 100.0%; Pred. No. 1.9e+02; Conservative 0; Mismatches n.
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100.0%; Pred. No.
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/63,830
PRIOR ETILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR PRICING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
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                                                                                                                                                                                                                                                 APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 55, Application US/09975059A Publication No. US20030143538A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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Best Local Similarity
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               APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-115
CURRENT APPLICATION NUMBER: US/09/975,059A
CURRENT FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
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APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00.713-116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/031,809
PRIOR TILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
APPLICATION NUMBER: 09/240,755
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Mucic, Robert C.
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APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i17
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 1999-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/340,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/201,100
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                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence
US-09-976-968A-55
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; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Mirkin, C.
APPLICANT: Letsinge
APPLICANT: Mucic, R.
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LENGTH: 20
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SEQ ID NO 55
LENGTH: 20
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                                                   Query Match 0...
Best Local Similarity 100
Matches 20; Conservative
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Best Local
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                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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       4464 TTTTTTTTT
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L00.0%; Pred. No. 1.9e+02;
       TTTTT 4483
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                                                   Score 20; DB 1; I; Pred. No. 1.9e+02; 0; Mismatches 0;
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US-09-994-701B-5/c
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CURRENT FILING DATE: 2003-08-21
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2001-12-08
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PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR APPLICATION NUMBER: 60/213,906
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NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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                                                                                                       Sequence 5, Application US/09994701B Publication No. US20040152076A1 GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: NANOBARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-1085-G
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                                        APPLICANT: Richard C. Willson and Jason C. Murphy TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATOFILE REFERENCE: 96605/13UTL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 09/603,830 PRIOR FILING DATE: 2000-06-26
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CURRENT APPLICATION NUMBER: US/09/994,701B
CURRENT FILING DATE: 2001-11-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2000-04-26
APPLICATION NUMBER: 09/344,667
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Elghanian, Robert
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                                                                                                                                                                                                                                                                                                                                                                                                         Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                        RESULT 217
US-09-916-369A-1
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Publication No. US20040152076A1
GENERAL INFORMATION:
APPLICANT: Richard C. Willson and Jason C. Murphy
TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL APFINITY CHROMAT
FILE REFERENCE: 96605/13UTL
CURRENT APPLICATION NUMBER: US/09/994,701B
CURRENT FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 60/246292
PRIOR APPLICATION NUMBER: 60/246292
PRIOR FILING DATE: 2000-11-06
NUMBER OF SEQ ID NOS: 8
SOFTWARB: Patentin version 3.1
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 20; Conserv
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NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENCTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09916369A Publication No. US20020058802A1
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Best Local Similarity
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TYPE: DNA
ORGANISM: Artificial
FEATURE:
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TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                               APPLICANT: Dellinger, Douglas J
APPLICANT: Perbost, Michael GM
APPLICANT: Perbost, Michael GM
APPLICANT: Caruthers, Marvin H
APPLICANT: Caruthers, Marvin H
APPLICANT: Betley, Jason R
ITILE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotecti
TITLE OF INVENTION: Chemistry
FILE REFERENCE: 10003869-1
CURRENT APPLICATION NUMBER: US/09/916,369A
CURRENT FILING DATE: 2001-07-21
PRIOR APPLICATION NUMBER: US 09/627,249
REIOR FILING DATE: 2000-07-28
                                                                                  NUMBER OF SEQ ID NOS: 9
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100.0%; Pred. No. 1.9e+02
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100.0%; Pred. No. 1.
ive 0; Mismatches
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hes 0;
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ORGANISM: artificial sequence

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APPLICANT: Eighanian, Robert

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO

TITLE OF INVENTION: NANOPARTICLES

FILE REFERENCE: 00-713-i14

CURRENT APPLICATION NUMBER: US/09/975,498

CURRENT FILING DATE: 2001-10-11

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR APPLICATION NUMBER: 60/201,809

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR APPLICATION NUMBER: 2000-04-26

NUMBER OF SECTION NUMBER: 2000-04-26
                                                                                                                                                                                                                              RESULT 219
US-10-181-200-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-498-55
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                                                                                                                                                              Sequence 10, Application US/10181200 Publication No. US20030212267A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 20; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 55, Application US/09975498 Publication No. US20020160381A1
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Best Local Similarity
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                                                        APPLICANT: Cole, Douglas L.

APPLICANT: Ravikumar, Vasulinga T.

APPLICANT: Cheruvallath, Zacharia S.

TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4709
CURRENT APPLICATION NUMBER: US/10/181,200
CURRENT FILING DATE: 2002-12-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4464 TITITITITITITITITIT 4483
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                                                                                                                                                                                                                                                                                                                                      Storhoff, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.3%; Score 20; DB 1; I larity 100.0%; Pred. No. 1.9e+02; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                             0.3%; Scilarity 100.0%; P
                                                                                                                                                                                                                                                                                                                                                            Robert C.
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CURRENT APPLICATION NUMBER: US/10/181,200
CURRENT FILING DATE: 2002-12-12
PRIOR APPLICATION NUMBER: PCT/US01/00715
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: US 09/481,486
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 16
SOPTWARE: Patentin version 3.2
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
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PRIOR FILING DATE: 2001-01-10
PRIOR PPLICATION NUMBER: US 09/481,486
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin version 3.2
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Synthetic Construct
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US-10-181-200-15
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                                                                                            Best Local
                                                                                                              Query Match
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Best Local Similarity
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APPLICANT: Ravikumar, Vasulinga T.
APPLICANT: Cheruvallath, Zacharia S.
TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4709
                                                                                                                                                                     FEATURE:

NAME/KEY: misc_feature
LOCATION: (1)...(20)

OTHER INFORMATION: phosphorothicate 20-mer
                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature LOCATION: (1)..(1)
                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
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LOCATION: (1)..(20)
OTHER INFORMATION: phosphorothicate 20-mer
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LOCATION: (1)...(1)
OTHER INFORMATION: 2'-O-methoyxethyl
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                                                                                                                                                                                                                                                                                                            FEATURE:
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                                      4464 TTTTTTTTTTTTTTTTT 4483
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                                                                                            Similarity
  TITTTTTTTTTTTTTTT 20
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No. US20030212267A1
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                                                                        0.3%; Score 20; DB llarity 100.0%; Pred. No. 1. Conservative 0; Mismatches
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100.0%; Pred. No. 1.9e+02
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                                                                                                                DB 1;
                                                                                            1.9e+02;
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PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
PRIOR FILING DATE: 2000-08-23
PRIOR FILING DATE: 2000-08-23
SOPTWARE: FRAELSEQ for Windows Version 3.0
SEQ ID NO 226
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-556
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
PRIOR FILING DATE: 2000-08-23
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US-10-314-578-556
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US-10-314-578-226
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 1145
SOFTWARE: PRETSEQ for Windows Version 3.0
SEQ ID NO 556
LENGTH: 20
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                                                                                                                                                                                                       Query Match
Best Local Similarity
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Krieg,
APPLICANT: Schett
APPLICANT: Vollme
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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                                                    4464 TTTTTTTTTTTTTTTTT 4483
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    TTTTTTTTTTTTTTTT 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/10314578
5. US20030212026A1
                                                                                                                                                                Conservative
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                                                                                                                                                                0.3%; Score 20; DB
100.0%; Pred. No. 1.9
1tive 0; Mismatches
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                                                                                                                                                                                                       DB 1; Length 20;
1.9e+02;
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APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REPERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR PILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR PILING DATE: 2000-08-33
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                                                                                                                                                      FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification US-10-208-357-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-314-578-560
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-208-357-26/c
                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 560, A Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 560
LENGTH: 20
TYPE: DNA
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Best Local Similarity
                                                                                            Query Match
Best Local Similarity
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Publication No. US20020182687A1
                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lohse, Peter
APPLICANT: Magner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/145,834 PRIOR FILING DATE: 1999-07-27 NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US/09/619,103 PRIOR FILING DATE: 2000-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kurz, Markus
APPLICANT: Lohse, Pete
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Krieg, Arthur M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic Sequence
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                                                                            Conservative
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                                                                                              100.0%;
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100.0%; Pred. No.
                                                                                                                   0.3%;
                                                                                              Score 20;
                                                                              0
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                                                                              Mismatches
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                                                                                                                   DB 1;
                                                                                                  1.9e+02;
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                                                                                                               Length 20,
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PRIOR APPLICATION NUMBER: US/10/051,643
PRIOR APPLICATION NUMBER: US09/156,181
PRIOR FILING DATE: 1998-09-17
PRIOR FILING DATE: 1998-09-17
PRIOR FILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 208
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 83
LENGTH: 20
                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/176,055
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: 60/299,460
PRIOR FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 11
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Unknown Organism
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Made in a lab US-10-051-643-83
                                                                                                                                                                    US-10-176-055-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 11, Application US/10176055

Publication No. US20030013109A1

GENERAL INFORMATION:

APPLICANT: Evident Technologies

TITLE OF INVENTION: Haiprin Sensors Using Quenchable Fluorescing Agents

FILE REFERENCE: 11739/26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 83, Application US/10051643 Publication No. US20020197265A1 GENERAL INFORMATION:
                                                                                    Matches
                                                                                                      Query Match
Best Local Similarity
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Best Local :
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APPLICANT: Tan, Paul L. J.
TITLE OF INVENTION: Methods and Compounds for the Treatment
TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory
TITLE OF INVENTION: System using Mycobacterium Vaccae
FILE REFERENCE: 11000.1008c2
CURRENT APPLICATION NUMBER: US/10/051,643
CURRENT FILLING DATE: 2002-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                 OTHER INFORMATION: Target sequence that is desired to be detected and OTHER INFORMATION: that has a nucleotide sequence that is OTHER INFORMATION: complementary to the sequence of complementary OTHER INFORMATION: probe of hairpin loop assembly
                                                                                                                                                                                                                                                                                   FEATURE: OTHER INFORMATION: Description of Unknown Organism: Target sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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                                                                                                      0.3%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 1.9e+02;
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                                       FT 4483
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Pred. No. 1.9e+
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; FEATURE:
NAME/KEY: misc feature
; LOCATION: (1). (20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-10-117-267-1
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                                                                                                                                                                   ; OTHER INFORMATION: Synthetic Oligonucleotide US-10-112-653-218
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APPLICANT: Mancharan, Muthiah

APPLICANT: Mancharan, Muthiah

APPLICANT: Maier, Ph.D., Martin A.

APPLICANT: Maier, Ph.D., Martin A.

TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back

TITLE OF INVENTION: Oligomeric Compounds

FILE REFERENCE: ISIS-5039

CURRENT APPLICATION NUMBER: US/10/117,267

CURRENT APPLICATION NUMBER: 09/726,096

PRIOR APPLICATION NUMBER: 09/250,075

PRIOR PILING DATE: 1999-02-12

NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 218
LEUGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/10117267 Publication No. US20030045698A1
                                                                                    Matches
                                                                                                     Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: CO1039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                FEATURE:
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                      4464 TTTTTTTTTTTTTTTTT
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                                                                                                        Similarity
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o. US20030050268A1
                                                                                    Conservative
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                                                                                                     100.0%;
                                          TTT 4483
                                                                                                          Score 20; DB 1; 1; Pred. No. 1.9e+02
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                                                                                                                            Length 20;
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US-10-112-653-533
; Sequence 533, Application US/10112653
; Sequence 533, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS).
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR PILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOPTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 533
; LENGTH: 20
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US-10-112-653-537/c
US-10-112-653-537/c
; Sequence 537, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
                                                              RESULT 231
US-10-077-383-5/c
US-10-077-383-5/c
; Sequence 5, Application US/10077383
; Publication No. US20030050444A1
; GENERAL INFORMATION:
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APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMPUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: CO1039/70060 (AWS)
CURRENT APPLICATION NUMBER: US(10/112,653)
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOPTWARE: PASESEQ for Windows Version 3.0
SEQ ID NOS: 737
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Best Local (
                                                                                                                                                                                                                                                                                                          Query Match 0.3
Best Local Similarity 100
Matches 20; Conservative
APPLICANT: Haydock, Paul V. APPLICANT: U'Ren, Jack APPLICANT: Saigene Corpora
                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
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nes 20; Conservative (
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  Saigene Corporation
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Pred. No. 1.9e+
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; NAME/KEY: modified base
; LOCATION: (13)...(20)
; OTHER INFORMATION: a at positions 13-20 may be
US-10-077-383-5
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LENGTH: 20
TYPE: DNA
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SEQ ID NO 5
LENGTH: 20
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                                                                       Query Match
Best Local Similarity
Matches 20; Conserv
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Best Local S
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TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US 60/296,812
PRIOR PILING DATE: 2001-06-07
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PRIOR APPLICATION NUMBER: US 60/296,812
PRIOR FILING DATE: 2001-66-07
NUMBER OF SEQ ID NOS: 33
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CURRENT APPLICATION NUMBER: US/10/077,383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
APPLICANT: Saigene Corpora
                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. 2.1
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TTTTTTTTTTTTTTTT 20
                                                                       0.3%; Score 20; DB ilarity 100.0%; Pred. No. 1. Conservative 0; Mismatches
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100.0%; Pred. No.
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RESULT 233 US-10-017-995-226

Sequence 226, Application US/10017995

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US-10-017-995-560/c
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US-10-017-995-556
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    Sequence 560, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
NUMBER OF SEQ ID NOS: 1093
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GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/10/017,995

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR FILING DATE: 2000-12-14

NUMBER CONTRACTOR OF THE PRIOR FILING DATE: 2000-12-14
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 556
LENGTH: 20
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 226
LENGTH: 20
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Best Local Similarity
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TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
SOFTWARE: FastSEQ for Windows Version 3.0
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100.0%; Pred. No. 1.9e+02;
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US-10-194-138-32/c
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LENGTH: 20
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SEQ ID NO 32
LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 20; Conserv
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APPLICANT: Garimella, Viswanadham
APPLICANT: Garimella, Viswanadham
ITIL OP INVENTION: Method for Immobilizing Molecules onto Surfaces
FILE REFERENCE: 01-897-B
FULE REFULING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/365369
PRIOR APPLICATION NUMBER: 60/305369
PRIOR FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 32
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                             APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT: Park, So-Jung
APPLICANT: Lu, Gang
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1272-C
CURRENT APPLICATION NUMBER: US/10/008,978
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
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Mucic, Robert C.
Storhoff, James J.
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100.0%; Pre
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100.0%; Pred. No.
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APPLICATION NUMBER: 09/603,830 APPLICATION NUMBER: 09/760,500 FILING DATE: 2001-01-12 APPLICATION NUMBER: 09/820,279

2001-03-28

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APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert
APPLICANT: Storhoff, James
APPLICANT: Storhoff, James
APPLICANT: Elghanian, Rober
APPLICANT: Taton, Thomas A.
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SEQ ID NO 55
LENGTH: 20
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Best Local S
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Li, So-Jung
APPLICANT: Lu, Gang
APPLICANT: Lu, Gang
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1272-C
FILE REFERENCE: 00-1272
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FILING DATE: 2000-12-1
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                                                                                                                                                                                                                                                                                                                                             Letsinger, Robert L.
Mucic, Robert C.
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100.0%; Pred. No.
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1.9e+02
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PRIOR APPLICATION NUMBER: 60/282,640
PRIOR FILING DATE: 2000-04-01
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-10-007-078-11/c
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PRIOR APPLICATION NUMBER: 09/927,777
PRIOR, FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-01-12
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
                    NUMBER OF SEQ ID NOS:
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
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Best Local (
                                                                                                   APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                           APPLICANT: Donna T. Ward APPLICANT: Andrew T. Wat
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ORGANISM: Artificial Sequence
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OR APPLICATION NUMBER: 60/224,631
OR FILING DATE: 2000-08-11
OR APPLICATION NUMBER: 60/254,392
OR FILING DATE: 2000-12-08
OR APPLICATION NUMBER: 60/254,418
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FILING DATE: 2000-12-11
APPLICATION NUMBER: 60/255,236
FILING DATE: 2000-12-11
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FILING DATE: 2000-03-28
APPLICATION NUMBER: 60/200,161
FILING DATE: 2000-04-26
APPLICATION NUMBER: 60/213,906
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FILING DATE: 1999-01-29
APPLICATION NUMBER: PCT/US97/12783
FILING DATE: 1997-07-21
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PILING DATE: 1996-07-29
APPLICATION NUMBER: 60/176,409
FILING DATE: 2000-01-13
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100.0%; Pred. No. 1.9e+02;
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide US-10-007-078-11
RESULT 242
US-10-007-078-14/c
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US-10-007-078-13/c
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Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION FILE REFERENCE: RTS-0236

CURRENT APPLICATION UNWERE: US/10/007,078

CURRENT FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 13

LENGTH: 20
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APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Wat
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Best Local Similarity
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Best Local Similarity
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LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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ilarity 100.0%; Pred. No. 1.9e+02;
Conservative 0; Mismatches 0;
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100.0%; Pred. No. 1.9e+Cive 0; Mismatches
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Pred. No.
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hes 0;
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                                                                                                                                                                                                                                                                                         RESULT 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-007-078-15/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-007-078-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 88
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANTOTO
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LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Domna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION UNMEER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 14, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. ward
APPLICANT: Andrew T. Watt
                                                                                                                                                                                                           Sequence 16, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 15, Application US/10007078 Publication No. US20030105042A1
                                                    SEQ ID NO 16
LENGTH: 20
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Best Local (
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                   APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0236
FULRENT FAPPLICATION NUMBER: US/10/007,078
CURRENT FILLING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
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TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                             414 AGTCAACCGGGAAGTGGTGG 433
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100.0%; Pred. No.
tive 0; Mismatc
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L00.0%; Pred. No. 1.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                  1.9e+02;
hes 0;
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                                                                                                                                                                EIF2C1 EXPRESSION
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FIFTLEANT: AND I. WARD

FITTLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

FILE REFERENCE: RTS-0236

CURRENT APPLICATION NUMBER: US/10/007,078

CURRENT FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 17

LENGTH: 20

TYPE: DNA

ORGANIZATION IN THE TOWARD IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HALLANT: ANDREW T. WARTE

TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0.36
CURRENT APPLICATION UNMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
LENGTH: C
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US-10-007-078-18/c
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US-10-007-078-17/c
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RESULT 247
US-10-007-078-19/c
; Sequence 19, Application US/10007078
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US-10-007-078-18
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Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 18, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
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Best Local (
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                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         555 GGTGACAATCCCTGGGGAAG 574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            543 GGTCGACTTTGAGGTGACAA 562
                                                                                                                                                                                                                                           680 CTGTGCAAGCCCTGGATGTG 699
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larity 100.0%; Pred. No. 1.9e+02;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                           0.3%; Score 20; DB 1; L
100.0%; Pred. No. 1.9e+02;
:ive 0; Mismatches 0;
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Sequence 20, Application US/10007078

Publication No. US20030105042A1

GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
ITILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236

CURRENT APPLICATION NUMBER: US/10/007,078

CURRENT FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 20
ILENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
FEATURE:
FEATURE:
FEATURE:
                                                                APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
INTEGER INVENTION: ANTISENSE MODULATION OF EII
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 21
LENGTH: 20
TYPES INNA
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US-10-007-078-20/c
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; ORANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-19
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                                                                                                                                                                                                                                                                                                                                         RESULT 249
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GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Donna T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION UNMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                      Sequence 21, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local
Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                         854 ACATTGATGTCTCAGCCACT 873
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%; Score 20; DB 1; L
100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.9e+02;
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RESULT 251

US-10-007-078-23/c

(Sequence 23, Application US/10007078

; Sequence 23, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:
    APPLICANT: ADDITON: Ward
    APPLICANT: ADDITON: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
    FILE REFERENCE: RTS-0236
    CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88
RESULT 252
US-10-007-078-24/c
; Sequence 24, Application US/10007078
; Publication No. US20030105042A1
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-23
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CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 22
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 22, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 23
LENGTH: 20
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                                                                                                                                                                                    Matches
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Best Local Similarity
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1
FILE REFERENCE: RTS-0236
                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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nes 20; Conserv
                                                                                                                                                 989 AGATCAAGGCCTGAAGGTG 1008
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ilarity 100.0%; Pred. No. 1.9e+02.
Conservative 0; Mismatches 0;
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                                                                                                                                                                                0.3%; Score 20; DB 1;
100.0%; Pred. No. 1.9e+C
rative 0; Mismatches
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1.9e+02;
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US-10-007-078-26/c
US-10-007-078-26/c
; Sequence 26, Application US/10007078
; Publication No. US20030105042A1
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       ; OTHER INFORMATION: Antisense Oligonucleotide US-10-007-078-26
                                                                    GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Wart
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NO 26
LENGTH: 20
TYPE: DNA
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ORGANISM: Artificial Sequence

FEATURE:

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Query Match
Best Local Similarity
Watches 20; Conserv?
                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-10-007-078-25
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CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 25
LENGTH: 20
                                                                                                                                                                                                                                                                                                   Sequence 25, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Wart
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
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SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
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                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                        1258 CGCTGTATTAAGAAGCTGAC 1277
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20 CGCTGTATTAAGAAGCTGAC 1
                                                              0.3%;
ilarity 100.0%;
Conservative (
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Pred. No.
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1.9e+02;
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Sequence 28, Application US/10007078

Publication No. US20030105042A1

GENERAL INFORMATION:
APPLICANT: DONNA T. WART
APPLICANT: ANDREW T. WART

ITILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236

CURRENT APPLICATION NUMBER: US/10/007,078

CURRENT APPLICATION NUMBER: US/10/007,078

CURRENT FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
COMPAND THE THEOREMANTON.
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US-10-007-078-27/c
                                                 RESULT 257
US-10-007-078-29/c
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 27
LENGTH: 20
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Best Local Similarity 100.0%; P
Conservative 0;
Sequence 29, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
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Best Local Similarity
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nes 20; Conservative 0;
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                                                                                                                                         1345 AGTCGCCTGATGAAGAATGC 1364
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100.0%; Pred. No. 1.9
htive 0; Mismatches
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100.0%; Pred. No. 1.1
1ve 0; Mismatches
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-31
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                   APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 31
LENGTH: 20
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 20; Conserva
                                                                                                                                                                                                                                                   Sequence 31, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
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Publication No.
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Best Local Similarity
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APPLICANT: ANDREW T. WALL
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 2001-11-08 NUMBER OF SEQ ID NOS: 88
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APPLICANT: Andrew T. Watt
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                                                     ORGANISM: Artificial Sequence
                                                                        TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                   1484 CCATTGCCACACCCAATCAG 1503
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100.0%; Pred. No. 1.9e+02;
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100.0%; Pred. No.
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Query Match
Best Local Similarity
Matches 20; Conserve
                                                          RESULT 262
US-10-007-078-34/c
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US-10-007-078-32/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-32
                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide 
US-10-007-078-33
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Sequence 34, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 33, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
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Best Local Similarity
Matches 20; Conserv
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Best Local
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LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION UNMERR: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
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TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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nes 20; Conser
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100.0%; Pred. No. 1.9e+02;
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100.0%; Pred. No. 1.9e+02;
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L00.0%; Pred. No. 1.9e+(
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NUMBER OF SEQ ID NOS: 88

SEQ ID NO 34

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
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                                 US-10-007-078-36
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US-10-007-078-36/c
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SEQ ID NO 35
LENGTH: 20
TYPE: DNA
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Best Local S
Matches 20
                                                                                              TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
                                                                                                                                                                                                                                                                                     Sequence 36, Application US/10007078 Publication No. US20030105042A1
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Best Local Similarity
Query Match
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APPLICANT: Andrew T. Wastt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
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TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
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CURRENT FILING DATE: 2001-11-08
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                                                                ORGANISM: Artificial Sequence FEATURE:
                                                  OTHER INFORMATION:
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                                                 Antisense Oligonucleotide
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L00.0%; Pred. No. 1.9e+02;
 0.3%;
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0; Mismatches
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 Score 20; DB 1;
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 Length 20;
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US-10-007-078-38/c

Sequence 38, Application US/10007078

Publication No. US20030105042A1

GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: ANDERW T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
SEQ ID NO 38
LENGTH: 20
EXECUTA: 20
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US-10-007-078-37/c
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                            RESULT 267
US-10-007-078-39/c
US-10-007-078-39/c
; Sequence 39, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-37
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Best Local S
Matches 20
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APPLICANT: Andrew T. Watt
TITLE OP INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 37
LENGTH: 20
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Matches 20; Conserv
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Best Local
 APPLICANT:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                    PEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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Local Similarity 100.0%; Pres 20; Conservative 0;
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Donna T. Ward
Andrew T. Watt
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100.0%; Pred. No. 1.9e+02;
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Sequence 40, Application US/10007078

Publication No. US20030105042A1

GENERAL INCORMATION:

APPLICANT: Donna T. Ward

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF EIF

FILE REFERENCE: RTS-0236

CURRENT APPLICATION NUMBER: US/10/007,078

CURRENT FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 40

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
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US-10-007-078-41/c
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US-10-007-078-40/c
                                                                                                                ; OTHER INFORMATION: US-10-007-078-41
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CURRENT APPLICATION NOWHER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 39
LENGTH: 20
TURNEL TO THE TOTAL OF THE TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 41, Application US/10007078
publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                      LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                y Match
0.3%; Score 20; DB 1; Length 20;
Local Similarity 100.0%; Pred. No. 1.9e+02;
hes 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2739 AGCCGTGCAGGTTCACCAGG 2758
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                                                                                                                                                   Antisense Oligonucleotide
       0.3%;
   Score 20;
Pred. No.
           DB 1; L
1.9e+02;
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hes 0;
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                                      Length 20;
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RESULT 270

US-10-007-078-42/c

Sequence 42, Application US/10007078

Publication No. US20030105042A1

GENERAL INFORMATION:

APPLICANT: Donna T. Wart

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

FILE REFERENCE: RTS-0236

CURRENT APPLICATION NUMBER: US/10/007,078

CURRENT FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 42

LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EI
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
                                                                                                           RESULT 272
US-10-007-078-44/c
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                                                      Sequence 44, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
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Best Local Similarity
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Best Local
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                                                                                                                                                                                                                                                       Matches
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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Local Similarity 100.0%; Pred. No. 1.9e+0
nes 20; Conservative 0; Mismatchen
                                                                                                                                                                                                    3081 CAGGTGTCTCATGTGACTCA 3100
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100.0%; Pred. No. 1.9
tive 0; Mismatches
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1.9e+02;
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hes 0;
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Query Match
Best Local Similarity
"hehes 20; Conserva
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US-10-007-078-45/c
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                                                                                ; OTHER INFORMATION: US-10-007-078-46
                                                                                                                                                                                                                                                                                                                                                         US-10-007-078-46/c
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LENGTH: 20
TYPE: DNA
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APPLICANT: Domna T. Ward
APPLICANT: Andrew T. Wart
APPLICANT: ANDREW T. WART
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                             SEQ ID NO 46
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                        Sequence 46, Application US/10007078 Publication No. US20030105042A1
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LENGTH: 20
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Best Local S
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CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                           APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                          CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                Conservative
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             0.3%; Score 20; DB
100.0%; Pred. No. 1.9
tive 0; Mismatches
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00.0%; Pred. No.
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Pred. No.
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                               DB 1; Lo
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hes 0;
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                                              Length 20;
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                  Indels
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Sequence 47, Application US/10007078

Publication No. US20030105042A1

RPHICANT: Donna T. Ward

APPLICANT: Andrew T. Wart

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

FILE REFERENCE: RTS-0236

CURRENT APPLICATION NUMBER: US/10/007,078

CURRENT FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 47

LENGTH: 20
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US-10-007-078-47/c
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US-10-007-078-48/c
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                                                                          US-10-007-078-49/c
, Sequence 49, Application US/10007078
, Publication No. US20030105042A1
, GENERAL INFORMATION:
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Best Local S
Matches 20
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 48
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 48, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
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Best Local S
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APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OP INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Antisense Oligonucleotide
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mes 20; Conserv
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                                                                                                                                                                                                                                  3794 AACATGACAAGTCTCGGAGC 3813
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llarity 100.0%; Pred. No. 1.9e+02;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                 0.3%; Score 20; DB 1; L
llarity 100.0%; Pred. No. 1.9e+02;
Conservative 0; Mismatches 0;
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APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
INUMBER OF SEQ ID NOS: 88
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-50
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; OTHER INFORMATION: Antisense Oligonucleotide US-10-007-078-49
                                                                            ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-51
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CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                               Sequence 51, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 20; Conservative (
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Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Query Match 0.3%; Score 20; DB 1; Best Local Similarity 100.0%; Pred. No. 1.9e+0 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                             SEQ ID NO 51
                                                                                                                                                                                                                APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILLING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                           TYPE: DNA
                                                                                                                                       ORGANISM: Artificial Sequence
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                      1.9e+02;
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RESULT 281
US-10-007-078-53/c
US-10-007-078-53/c
Sequence 53, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                                                                            RESULT 282
US-10-007-078-54/c
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US-10-007-078-52/c
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             Sequence 54, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Ward
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 52, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 88 SEQ ID NO 53 LENGTH: 20
                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                           Matches
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
PILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILLING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
CURRENT APPLICATION NUMBER: US/10/007,078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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nes 20; Conserv
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100.0%; Pred. No. 1.9e+0
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; OTHER INFORMATION: Antisense Oligonucleotide US-10-007-078-54
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US-10-007-078-55/c
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                                                                                           ; OTHER INFORMATION: Antisense Oligonucleotide US-10-007-078-56
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US-10-007-078-56/c
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SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORCANTON
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NUMBER OF SEQ ID NOS: 88
SEQ ID NO 54
LENGTH: 20
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SEQ ID NO 56
LENGTH: 20
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Best Local Similarity
Matches 20; Conserv
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                                Matches
                                              Best Local Similarity
                                                           Query Match
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CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0236 CURRENT APPLICATION NUMBER: US/10/007,078 CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                                                APPLICANT: Donna T. Ward APPLICANT: Andrew T. War
                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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 4987 GGCACAAGCCCAGCTGAAGA 5006
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Similarity 100.0%; Pred. No. 1.9e+02;
                                 Conservative
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88
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                                0.3%; Score 20; DB
100.0%; Pred. No. 1.
1ve 0; Mismatches
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Pred. No.
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1.9e+02;
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                                                                Length 20;
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RESULT 285

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RESULT 287
US-10-007-078-59/c
US-10-007-078-59/c
; Sequence 59, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
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Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Ward
APPLICANT: ANDREW T. Ward
FILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 88
SEQ ID NO 58
LENGTH: 20
TYPE: DNA
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Best Local Similarity 100.0%; Pred. No. 1.9e+02
Matches 20; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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APPLICANT: Donna T. Ward
APPLICANT: Donna T. Watt
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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L00.0%; Pred. No. 1.9e+02;
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GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIL
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-10-007-078-61/c
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                                                                                                                   US-10-007-078-61
                                                                                                                                                                                                              Sequence 61, Application US/10007078

Publication No. US20030105042A1

GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236

CURRENT APPLICATION NUMBER: US/10/007,078

CURRENT FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 61
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SEQ ID NO 59
LENGTH: 20
TYPE: DNA
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Matches 20; Conserva
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Best Local
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Best Local
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                                                                                                                                                                  LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                  FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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5332 CTTTGCCTCACTCTCTCCAG 5351
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                                                                  Similarity
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                                               0.3%; Score 20; DB ilarity 100.0%; Pred. No. 1. Conservative 0; Mismatches
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; Pred. No. 1.9e+0
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                                                                                   DB 1;
                                                                     1.9e+02;
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CTTTGCCTCACTCTCTCCAG

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TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION; FILE REFERENCE: RTS-0236; CURRENT APPLICATION NUMBER: US/10/007,078; CURRENT FILING DATE: 2001-11-08; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 62; SEQ ID NOS: 88
; TYPE: ""
                                                                                                                             RESULT 292
US-10-007-078-64/c
US-10-007-078-64/c
; Sequence 64, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-63
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APPLICANT: Andrew T. Watt
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1:
FILE REFERENCE: RTS-0236
CURRENT PILING DATE: 2001-11-08
RUMBER OF SEQ ID NOS: 88
SEQ ID NO 63
LENGTH: 20
TYPET: NANA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 63, Application US/10007078 Publication No. US20030105042A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 20; Conserv
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Best Local (
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
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llarity 100.0%;
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100.0%; Pred. No. 1.9e+02;
live 0; Mismatches 0;
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CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
COMMENT TO SERVICE SERVICES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 65, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EI.
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
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                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-10-007-078-66
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US-10-007-078-65/c
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                                                                                                                                                                                                                                                                                                                                                                                        RESULT 294
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                                 Best Loc
Matches
                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIP2C1 EXPRESSION
FILE REFERENCE: RTS-0236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
SEQ ID NO 65
LENGTH: 20
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Best Local Similarity
Matches 20; Conserv
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LENGTH: 20
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Best Local Similarity
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                                                             Query Match
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
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                                              Local Similarity
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6447 AGCAGTGTTTTTGGATACTT 6466
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                                 Conservative
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88
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100.0%; Pred. No. 1.9e+
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100.0%; Pred. No.
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                                                  Score 20;
Pred. No.
                                   Mismatches
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                                                  1.9e+02;
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                                                                 Length 20;
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                                   Indels
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AGCAGTGTTTTTGGATACTT

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RESULT 296
US-10-007-078-68/c
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                                                                                                                                                                                       RESULT 297
US-10-007-078-69/c
       Sequence 69, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION UNMEER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 88
SEQ ID NO 68
LENGTH: 20
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Publication No. US20030105042A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 68, Application US/10007078 Publication No. US20030105042A1
                                                                                                                                                                                                                                                                                                                                     Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 67
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
SEQ ID NO 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                               Local Similarity
nes 20; Conserv
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Local Similarity 100.0%; Pred. No. 1.9e+02;
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100.0%; Pred. No. 1.
1ve 0; Mismatches
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hes 0;
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                                                                                                   ; OTHER INFORMATION: US-10-007-078-71
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                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 71
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Best Local Similarity
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                                                                     Query Match
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT PILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                  APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0236
                                                                                                                                                                                                                                                                                       APPLICANT: Donna T. APPLICANT: Andrew
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                  LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                 FEATURE:
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hes 20; Conservative (
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6998 GGGAAAGGGAGATTTTCTTC 7017
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                                    0.3%; Pr/
100.0%; Pr/
0;
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100.0%; Pred. No. 1.9e+02;
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1.9e+02;
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                                                             1.9e+02
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Sequence 74, Application US/10007078
PUDDICATION NO. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: ANDREW T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXIFILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 74
LENGTH: 20
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US-10-007-078-72/c
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US-10-007-078-73/c
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GENERAL INFORMATION:
GENERAL INFORMATION:
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Best Local Similarity
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LENGTH: 20
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LENGTH: 20
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0236
FURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF BIF2C1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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thes 0;
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NUMBER OF SEQ ID NOS: 88

SEQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide US-10-007-078-76
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CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0236
                                                                         Query Match
Best Local Similarity
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Publication No. US20030105042A1
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Best Local :
                                                           Matches
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
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ORGANISM: Artificial Sequence
FEATURE:
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                              7239 CAAGTCCAGCATGGATGGGG 7258
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rative 0;
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100.0%; Pred. No.
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100.0%; Pred. No.
                                                                           0.3%; Score 20; DB 1; I
100.0%; Pred. No. 1.9e+02;
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US-10-07-078-77/c

(Sequence 77, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

APPLICANT: Donna T. Ward

APPLICANT: Donna T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; SEQ ID NO 77

; LENGTH: 20
                                                                                                                                                RESULT 307
US-10-188-404-66
JS-quence 66, Application US/10188404
Publication No. US20030105286A1
GENERAL INFORMATION:
APPLICANT: Egholm, Michael
APPLICANT: Neilsen, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA; ORGANISM: Artificial Sequence; FEATURE: OTHER INFORMATION: Antigense Oligonucleotide US-10-007-078-78
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US-10-007-078-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 78
LENGTH: 20
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Best Local Similarity 100.0%; Pred. No. 1.9e+02
Matches 20; Conservative 0; Mismatches 0
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Best Local
                                                         APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
    FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                           7442
ANT: Neilsen, Peter
ANT: Buchardt, Ole
ANT: Duchardt, Ole
ANT: Christensen, Leif
ANT: Crull, James M.
ANT: Kiely, John
ANT: Kiely, John
ANT: Griffith, Michael
OF INVENTION: Linked Peptide Nucleic Acids
EFERENCE: ISIS5042
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100.0%; Pred. No. 1.9e+02;
rative 0; Mismatches 0;
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RESULT 309 US-10-255-434-14

Sequence 14, Application US/1025434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.

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PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR PRIOR APPLICATION NUMBER: 09/344,260
PRIOR FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.2
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
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SEQ ID NO 66
LENGTH: 20
TYPE: DNA
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Best Local S
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CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/275,951
PRIOR FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR FILING DATE: 1997-04-23
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Virta, Pasi
TITLE OF INVENTION: Aminooxy Functionalized
FILE REFERENCE: ISIS5089
CURRENT APPLICATION NUMBER: US/10/234,764
CURRENT FILING DATE: 2002-09-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Manoharan, Muthiah
APPLICANT: Lonnberg, Harri
APPLICANT: Salo, Harri
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NAME/KP: misc feature
LOCATION: (10)...(11)
OTHER INFORMATION: Amino Hexanoic Acid, Amino Ethyl Glycine,
OTHER INFORMATION: Acetyl, Amino Hexanoic Acid Linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE: OTHER INFORMATION: Synthetic construct
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                                                                       y Match 0.3%; Score 20; DB 1; Local Similarity 100.0%; Pred. No. 1.9e+0 hes 20; Conservative 0; Mismatches
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lo. US20030113769A1
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tive 0; Mismatches
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100.0%; Pred. No.
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hes 0;
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US-10-278-047-1
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                                                                                               RESULT 311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Nielben, Kirsten V.
APPLICANT: Hyldig-Nielben, Jens J.
APPLICANT: Hyldig-Nielben, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 26
LENGTH: 20
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 14
            Sequence 1, Application US/10278047 Publication No. US20030143591A1 GENERAL INFORMATION:
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Publication No. US20030129626A1
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Best Local S
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TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
APPLICANT: Davies, Martin
                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic OTHER INFORMATION: Oligomer Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe OTHER INFORMATION: Sequence
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llarity 100.0%;
Conservative (
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0; Mismatches
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Pred. No.
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APPLICANT: William Gaarde
APPLICANT: William Gaarde
APPLICANT: William Gaarde
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK4 EXPRESSION
FILE REFERENCE: RTS-0169
CURRENT APPLICATION NUMBER: US/10/371,474
CURRENT FILING DATE: 2003-02-21
PRIOR APPLICATION NUMBER: US/09/676,436
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                  US-10-371-066-16
; Sequence 16, Applicatio
; Publication No. US20030
; Publication INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Helle
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US-10-371-474-63
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                                                                                                                                                      RESULT 313
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SEQ ID NO 1
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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Best Local Similarity
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APPLICANT: Wolter, Andreas
TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY:
TITLE OF INVENTION: ACID ANALYTES
FILE REFERENCE: PRO.07
CURRENT APPLICATION NUMBER: US/10/278,047
CURRENT FILING DATE: 2002-10-21
PRIOR APPLICATION NUMBER: 60/336,432
PRIOR PILICATION NUMBER: 60/336,432
PRIOR FILING DATE: 2001-10-19
PRIOR FILING DATE: 2001-10-19
NUMBER OF SEQ ID NOS: 14
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APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICKOELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
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                                                                                            Application US/10371066
No. US20030162214A1
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100.0%; Pred. No.
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; Pred. No. 1.9e+02;
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NUMBER OF SEQUENCES: 3: CORRESPONDENCE ADDRESS.

DIAGNOSTICS

DDRESSEE: Lyon & Lyon

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APPLICANT: Eighanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-126
CURRENT APPLICATION NUMBER: US/10/410,324
CURRENT FILING DATE: 2003-04-09
PRIOR APPLICATION NUMBER: 09/961,949
PRIOR APPLICATION NUMBER: 09/961,949
PRIOR FILING DATE: 2001-09-20
PRIOR FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2001-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/347,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
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US-10-410-324-55/c
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Best Local Similarity
Matches 20; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION TOMBER: US/10/371,066
FILING DATE: 21-Feb-2003
CLASSIFICATION: <UNknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/146,504
FILING DATE: No. US20030162214A1ember 1,
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
FILING DATE:
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CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TTTTTTTTTTTTTTTTTT 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
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Mucic, Robert C.
Storhoff, James J.
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LENGTH: 20
TYPE: DNA
CREANISM: Artificial Sequence
FEATURE:
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-10-410-324-55
                                                                                   ; OTHER INFORMATION:
; OTHER INFORMATION:
US-10-266-983-55
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PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR PPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
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Publication No.
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Best Local Similarity
               Query Match
Best Local Similarity
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APPLICANT: Taton, Thomas Andrew
APPLICANT: Mirkin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
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PRIOR
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CURRENT FILING DATE: 2002-10-08
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                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                              ENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US97/12783
FILING DATE: 1997-07-21
APPLICATION NUMBER: 60/031,809
FILING DATE: 1996-07-29
APPLICATION NUMBER: 60/176,409
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FILING DATE: 1999-01-29
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0.3%; Score 20; DB 1; ilarity 100.0%; Pred. No. 1.9e+0 Conservative 0; Mismatches
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                                                                                                    Description of Artificial Sequence:random synthetic sequence
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100.0%; Pred. No.
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                          1.9e+02;
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                                              Length 20;
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US-10-431-341-31/c
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PRIOR FILING DATE: 2001-08-10
PRIOR FILING DATE: 2001-08-279
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR PILING DATE: 2001-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR PILING DATE: 1909-06-25
PRIOR PILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
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SEQ ID NO 70
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                              Sequence 31, Application US/10431341 Publication No. US20040086897A1 GENERAL INFORMATION:
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Best Local Similarity
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                                                                    APPLICANT: Mirkin, Chad
APPLICANT: Cao, Yun-Wei
APPLICANT: Jin, Rongcher
TITLE OF INVENTION: Nanoparticle Probes with Raman Spectroscopic Fingerprints for
TITLE OF INVENTION: Detection
FILE REFERENCE: 02-338-C
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APPLICANT: Taton, Thomas Andrew
APPLICANT: Mirkin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
CURRENT APPLICATION NUMBER: US/10/431,341
CURRENT FILING DATE: 2003-05-07
PRIOR APPLICATION NUMBER: US 60/378,538
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PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 82\,
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CURRENT FILING DATE: 2002-10-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 09/240,755
FILING DATE: 1999-01-29
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FILE REFERENCE: 38266-0011
CURRENT APPLICATION NUMBER: US/10/653,416
CURRENT FILING DATE: 2003-09-03
PRIOR APPLICATION NUMBER: 60/407,248
PRIOR FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 60/383,630
PRIOR FILING DATE: 2002-05-28
PRIOR FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Patentin version 3.1
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(20)
; OTHER INFORMATION: Synthetic target sequence
US-10-431-341-31
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                                                                                                                                                                     Sequence 55, Application US/10716829
Publication No. US20040110220A1
GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REPERENCE: 00-715-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: RASHTCHIAN, AYOUB
APPLICANT: SCHUSTER, DAVID M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                          4464 TT
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100.0%; Pred. No. 1.9e+02;
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Pred. No.
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PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 178
LENGTH: 20
TYPE: DNA
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RESULT 321
US-10-671-395-179
; Sequence 179, Application US/10671395
; Publication No. US20040132063A1
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CURRENT FILING DATE: 2003-11-18
PRIOR APPLICATION NUMBER: US/09/760,500A
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR PILING DATE: 2000-06-25
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR PILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
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SEQ ID NO 55
LENGTH: 20
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Best Local Similarity
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PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR APPLICATION NUMBER: 60/200,161
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
CURRENT FILING DATE: 2003-09-25
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Human PGE2 antisense
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larity 100.0%; Pred. No. 1.9e+02;
Conservative 0; Mismatches 0;
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100.0%; Pred. No.
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Sequence 181, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
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US-10-671-395-180
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 179
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FAPPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
             APPLICANT: GIETBE, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
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ORGANISM: artificial
FEATURE:
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ORGANISM: artificial
FEATURE:
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20; Conserv
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o. US20040132063A1
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ches 0;
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APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
ITILE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNT
ITILE OF INVENTION: EXPRESSION
ITILE OF INVENTION: MYMBER: US/10/671,395
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
INUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 182
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                    US-10-671-395-183; Sequence 183, Application US/10671395; Publication No. US20040132063A1; GENERAL INFORMATION:
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-182
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US-10-671-395-182
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SED ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 183
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                             APPLICANT: Pharmacia Corp. APPLICANT: Gierse, James
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NUMBER OF SEQ ID NOS: 1809
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PRIOR APPLICATION NUMBER: 60/413
PRIOR FILING DATE: 2002-09-25
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ORGANISM: artificial
FEATURE:
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100.0%; Pred. No. 1.9e+(
ative 0; Mismatches
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APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR PILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTMARE: Patentin version 3.2

SEQ ID NO 185

LENGTH: 20

TYPE: DNA

ORGANISM: artificial

FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 184, Application US/10671395

Publication No. US20040132063A1

GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT APPLICATION NUMBER: US/10/671,395

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR APPLICATION NUMBER: 2003-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

SEQ ID NO 184

LEBORTH: 20

TYPE: DNA
ORGANISM: artificial
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                                      US-10-671-395-185
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Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 185, Application US/10 Publication No. US20040132063A1
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Query Match
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                                                         OTHER INFORMATION: Human PGE2 antisense
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100.0%; Pred. No.
  0.3%;
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  Score 20;
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1.9e+02;
  DB 1;
  Length 20;
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US-10-671-395-186
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US-10-671-395-187
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SEQ ID NO 186
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 187
LENCTH: 20
TYPE: DNA
                                                                                     Query Match
Best Local (
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Publication No. US20040132063A1
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APPLICANT: Gierbe, James K

APPLICANT: Gierbe, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR PILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809
                                                                                                                                                                                                                                                                                                         APPLICANT: Pharmacia Corp.
APPLICANT: Giere, James K
APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
FILE REFERENCE: 1179/1/US
CURRENT FAPPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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OTHER INFORMATION: Human
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FEATURE:
OTHER INFORMATION: Human PGE2 antisense
                                                                                       Local Similarity
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L00.0%; Pred. No. 1.9e+02;
                                                                     0.3%; Score 20; DB
100.0%; Pred. No. 1.9
1ve 0; Mismatches
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); Mismatches 0;
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1.9e+02;
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APPLICANT: Gieree, James K

APPLICANT: Gieree, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

PILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT APPLICATION NUMBER: 60/413,549

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOWS: 1809

SOFTWARE: Patentin version 3.2

SEQ ID NO 188

LENGTH: 20

TYPE: DNA

ORGANISM: artificial

PEATURE:

PEATURE:

TENDRAMTION: Human PGR2 antisense
                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOPTWARE: Patentin version 3.2
SEQ ID NO 189
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
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US-10-671-395-188
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RESULT 332
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Best Local S
Matches 20
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Publication No. US20
GENERAL INFORMATION:
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Best Local Similarity
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CURRENT FILING DATE: 2003-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Gierbe, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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APPLICANT: Gierse, James
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100.0%; Pred. No.
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US-10-671-395-190

Sequence 190, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:

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CURRENT APPLIATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 190
LENGTH: 20
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; Sequence 191, Application US/10671395
; Publication No. US20040132063A1
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 191
LENGTH: 20
                                                                                                                                                                        Sequence 192, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local
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Best Local Similarity
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APPLICANT: Pharmacia Corp.
APPLICANT: Giezes, James K.
TITLE OF INVENTION: ANTISENSE MODULATION OF
TITLE OF INVENTION: EXFRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION UNMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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ORGANISM: artificial
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ORGANISM: artificial
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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100.0%; Pre
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100.0%; Pred. No. 1.9e+02;
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; Pred. No. 1.9e+(
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                                                                                                           MICROSOMAL PROSTAGLANDIN
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 193
LENGTH: 20
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-192
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US-10-671-395-193
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 194
**TANCHET: 200
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NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 192
LENGTH: 20
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James
                                                                                                                                                                                                                                          Sequence 194, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE TITLE OF INVENTION: EXPRESSION FILE REFERENCE: 1179/1/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
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o. US20040132063A1
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100.0%; Pred. No.
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100.0%; Pred. No. 1.9e+02;
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LENGTH: 20 TYPE: DNA ORGANISM: artificial

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; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-194
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; Sequence 195, Application US/10671395
; Publication No. US20040132063A1
                                                                                    OTHER INFORMATION: Human PGE2 antisense US-10-671-395-196
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US-10-671-395-196
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                                                                                                                                                                                     APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 196
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 196, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
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Query Match 0.3%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0;
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
APPLICANT: NUVENTION: EXPRESSION
FILE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUVMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.2 SEQ ID NO 195 LENGTH: 20
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                                                                                                                           FEATURE:
                                                                                                                                               ORGANISM: artificial
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les 20; Conservative (
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100.0%; Pred. No. 1.9e+02;
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100.0%; Pred. No. 1.9e+02;
lve 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TT 4483
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                                            Length 20;
    Indels
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APPLICATT: Glerse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF ESQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 197
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
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                                                                                                                                                                                         SOFTWARE: PatentIn version 3.2
SEQ ID NO 198
SERGIF 20
TYPE: DNA
ORGANISM: artificial
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Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local Similarity
                                                                       Matches 20;
                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                         APPLICANT: Pharmacia Corp.
APPLICANT: Gierge, James K
TITLE OP INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OP INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
                                                                                                                                                           FEATURE: OTHER INFORMATION: Human PGE2 antisense
                                                                                      Local Similarity
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                                                                       Conservative
                                     TTTTTTTTTT 4483
                                                                   0.3%; Score 20; DB 1; Lo
100.0%; Pred. No. 1.9e+02;
htive 0; Mismatches 0;
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RESULT 341

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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 199
LENGTH: 20
                                                                         US-10-671-395-201
; Sequence 201, Application US/10671395
; Publication No. US20040132063A1
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                                                                                                                                       RESULT 343
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Pharmacia Corp.
APPLICANT: Glerse, James K
APPLICANT: Glerse, James K
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: 05/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 200
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
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Publication No. US20040132063A1
                                                         GENERAL INFORMATION
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Best Local (
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Best Local Similarity
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APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 202
LENGTH: 20
TYPE: DNA
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                                                                                         Sequence 203, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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SEQ ID NO 201
LENGTH: 20
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FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: artificial
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o. US20040132063A1
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100.0%; Pred. No.
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FILE REPERENCE: 11791/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 205
LENGTH: 20
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 204
LENGTH: 20
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US-10-671-395-205
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SEQ ID NO 203
LENGTH: 20
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Best Local Similarity
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Publication No. US20040132063A1
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
                                                                                                                                                                                                                      APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
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OTHER INFORMATION: Human PGE2 antisense
                              ORGANISM: artificial
                                                 TYPE: DNA
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100.0%; Pred. No.
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                                                                     ; TYPE: DNA
; ORGANISM: artificial
; PEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-207
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US-10-671-395-207
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 206
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Best Local Similarity
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SOFTMARE: PatentIn version 3.2
SEQ ID NO 207
LENGTH: 20
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GENERAL INFORMATION
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Query Match
Best Local Similarity
Matches 20; Conserv
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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TYPE: DNA
ORGANISM: artificial
FEATURE:
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
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o. US20040132063A1
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0.3%; Score 20; DB 1; Liarity 100.0%; Pred. No. 1.9e+02; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 1:
tive 0; Mismatches
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4464 TITTTTTTTTTTTTTTT 4483

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APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
ITILE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNT
ITILE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 208
LENGTH: 20
TYPE: DNA
CHORALTON APPLICATION PRICE CORP.
RESULT 352
US-10-671-395-274
; Sequence 274, Application US/10671395
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US-10-671-395-208
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Best Local Similarity
Matches 20; Conserv
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Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local Similarity
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Publication No. US20040132063A1
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
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; Pred. No. 1.9
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Pred. No. 1.9e+02;
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FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 274
LENGTH: 20
TYPE: DNA
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; FEATURE:
; OTHER INFORMATION: Human
US-10-671-395-274
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US-10-671-395-276
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-275
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           Sequence 276, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 275
LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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Best Local S
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
FILE REFERENCE: 1179/1/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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US-10-671-395-277
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 277
LENGTH: 20
             Sequence 31, Application US/10671395

Publication No. US20040132063A1

GENERAL INFORMATION:

APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
TITLE OF INVENTION: EXPRESSION

PILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 276
LENGTH: 20
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Best Local Similarity 100.
Matches 20; Conservative
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SEQ ID NO 311
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Human PGB2 antisense
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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100.0%; Pred. No. 1.9e+02;
Live 0; Mismatches 0;
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US-10-671-395-376
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US-10-671-395-376
                                                                                   APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
ITILE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
ITILE OF INVENTION: EXPRESSION
FILE REFERENCE: 1199/1/05
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 376
LENGTH: 20
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Best Local Similarity
Matches 20; Conserv
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SEQ ID NO 338
SENGTH: 20
TYPB: DNA
ORGANISM: artificial
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Best Local Similarity
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TYPE: DNA
ORGANISM: artificial
FEATURE:
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/413,549 PRIOR FILING DATE: 2002-09-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James
             FEATURE: OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PEATURE: OTHER INFORMATION: Human PGE2 antisense
                                                    ORGANISM: artificial
                                                                         TYPE: DNA
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1.9e+02;
hes 0; Indels
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Sequence 427, Application US/10671395

Publication No. US20040132063A1

GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT PRILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

SEQ ID NO 427

LENGTH: 20
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US-10-671-395-403
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-427
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US-10-671-395-427
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-403
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FILING NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER: OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 403
LENGTH: 20
                                                                    Query Match 0.3%;
Best Local Similarity 100.0%;
Matches 20; Conservative (
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Best Local Similarity
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Best Local
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                                                                                                                                                                                            ORGANISM: artificial
                                                                                                                                                                                                                       TYPE: DNA
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nes 20; Conservative (
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100.0%; Pred. No. 1.9
ive 0; Mismatches
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Pred. No.
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FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 444
                                                  Query Match
Best Local Similarity
Watches 20; Conserve
                                                                                                                                     ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-444
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US-10-671-395-444
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Publication No. US20040132063A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 433
LENGTH: 20
TYPE: DNA
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APPLICANT: Giere, James K
APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
PRIOR PILING DATE: 2002-09-25
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                         TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: artificial FEATURE:
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Pred. No. 1.9e+02;
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Pred. No.
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RESULT 363 US-10-671-395-487

Sequence 487, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:

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FILE REPERENCE: 1179/JUS
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOPTWARE: PALENTIN VERSION 3.2
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NIMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 575
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
PEATURE:
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Sequence 575, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
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US-10-661-088-12/c
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                                                                                                                              Sequence 12, Application US/10661088 Publication No. US20040162253A1 GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 20; Conservative (
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Best Local Similarity
              APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 0.29849/0206
CURRENT APPLICATION NUMBER: US/10/661,088
CURRENT FILING DATE: 2003-09-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Pharmacia Corp
APPLICANT: Gierse, James
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APPLICANT: Gierse, James
PRIOR APPLICATION NUMBER: PCT/IB03/04573
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: artificial
FEATURE:
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RESULT 367 US-10-661-097-12/c

Sequence 12, Application US/10661097

Publication No. US20040162254A1

GENERAL INFORMATION:

APPLICANT: VALILANT, ANDREW

APPLICANT: JUTEAU, JEAN-MARC

TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV

FILE REFERENCE: 029849/2014

CURRENT APPLICATION NUMBER: US/10/661,097

CURRENT FILING DATE: 2003-09-12

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Sequence 15, Application US/10661088

Publication No. US20040162253A1

GENERAL INFORMATION:
APPLICANT: UNILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC

TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0206

CURRENT APPLICATION NUMBER: US/10/661,088

CURRENT FILING DATE: 2003-09-12

PRIOR APPLICATION NUMBER: FCT/IB03/04573

PRIOR FILING DATE: 2003-09-13

PRIOR APPLICATION NUMBER: 60/430,934

PRIOR APPLICATION NUMBER: 60/410,264

PRIOR APPLICATION NUMBER: 60/410,264

PRIOR FILING DATE: 2002-09-13

NUMBER OF SEQ ID NOS: 36

COPENSADE: DATE: 2002-09-13

NUMBER OF SEQ ID NOS: 36
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                                                                         Query Match
Best Local S
Matches 20
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SEQ ID NO 12
LENGTH: 20
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SEQ ID NO 15
LENGTH: 20
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PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
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                                      TTTTTTTT 4483
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100.0%; Pred. No. 1.9e+02;
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Query Match
Best Local Similarity
Tatches 20; Conserve
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US-10-661-099-12/c
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CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR PPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
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PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 3.2
SEQ ID NO 12
LENGTH: 20
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Matches
              GENERAL INFORMATION:
APPLICANT: VALILANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
                                                                                                               Sequence 12, Application US/10661099 Publication No. US20040171568A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 15
LENGTH: 20
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-12-05
CURRENT APPLICATION NUMBER: US/10/661,099
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0204
                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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US-10-661-355-12/c

Sequence 12, Application US/10661355
publication No. US20040170959A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES

FILE REFERENCE: 029849/0208

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APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: ECT/1803/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/410,934
PRIOR FILING DATE: 2003-09-13
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOPTWARE: Patentin Ver. 3.2
SEQ ID NO 15
LENGTH: 20
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                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide
US-10-661-099-15
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PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-13
PRIOR FILING DATE: 2002-09-13
NUMBER: OF SEQ. ID NOS: 36
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SEQ ID NO 12
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Best Local Similarity
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Best Local :
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                                                                                                                                                                                                                                                          TYPE: DNA
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ORGANISM: Artificial Sequence
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                                                                                                Local Similarity
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L00.0%; Pred. No. 1.9e+02
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00.0%; Pred. No.
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RESULT 372
US-10-661-355-15
; Sequence 15, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
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                                                                                                                    RESULT 373
US-09-888-326-840
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: FOT/IB03/04573
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR PILING DATE: 2002-12-05
PRIOR PILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
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CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
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Best Local Similarity 100.
Matches 20; Conservative
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SEQ ID NO 12
LENGTH: 20
                                                         Sequence 840, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
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SEQ ID NO 15
LENGTH: 20
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Best Local Similarity
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APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonuclectide
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100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0;
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Pred. No.
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RESULT 374
US-09-912-014-2/c
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LENGTH: 21
TYPE: DNA
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Sequence 2. Application WO. US20030059929A1
Publication No. US20030059929A1
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
APPLICANT: Heller, Michael J.; and Tu, Eugene
MICROELECTRONIC SYSTEMS AND DEVICES
MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 20; Conserva
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CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FASESEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic oligonucleotide NAME/KEY: misc feature LOCATION: (0)...(0) OTHER INFORMATION: phosphorothioate backbone
                                                                                                                                TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
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                                                                                                                                                                    COMPUTER: IBM COMPATIBLE
COMPUTER: IBM S.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/912,014
FILING DATE: 24-Jul-2001
CLASSIFICATION NUMBER: 08/146,504
FILING DATE: CUNKNOWN>
PRIOR APPLICATION NUMBER: 08/146,504
FILING DATE: CUNKNOWN>
APPLICATION NUMBER: 08/146,504
FILING DATE: CUNKNOWN>
APPLICATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4464 TITTTTTTTTTTTTTTT 4483
TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 3:
CORRESPONDENCE ADDRESS
                                                                                                           SEQUENCE CHARACTERISTICS:
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                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 90017
                                                                                       LENGTH: 21
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100.0%; Pred. No.
1ve 0; Mismatches
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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Vee
APPLICANT: Pouron, Yves
ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITILE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILLING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEO ID NOS: 1093
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 912
LENGTH: 21
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US-09-776-479-912
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CURRENT APPLICATION NUMBER: US/09/997,672
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US 60/253,672
PRIOR APPLICATION NUMBER: US 60/253,672
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 42
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 41
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                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 912, Applic
Publication No. US20
GENERAL INFORMATION:
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APPLICANT: Apuya, Nestor
APPLICANT: Tatarinova, Ta
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: FEATURE: Description of Artificial Sequence:dT-20dN OTHER INFORMATION: Description of Artificial Sequence:dT-20dN NAME/KEY: modified_base LOCATION: (21)
OTHER INFORMATION: n = g, c, a or t
FEATURE:
OTHER INFORMATION: Synthetic Sequence
                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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Tatarinova, Tatiana
Goldberg, Robert B.
The Regents of the University of California
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; Pred. No. 2e+02;
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                                                                                                       ; OTHER INFORMATION: oligo-dT primer US-10-144-179A-41
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                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/144,179A
CURRENT FILING DATE: 2002-10-01
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 41
LENGTH: 21
                                                                                                                                                                                                                                                                                                             Sequence 41, Application US/10144179A
Publication No. US20030211483A1
GENERAL INFORMATION:
APPLICANT: Schroeder, Benjamin
APPLICANT: Chen, Caifu
APPLICANT: Schroth, Gary
TITLE OF INVENTION: Low-Abundance Polynucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 912
LENGTH: 21
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Best Local Similarity 100.
Matches 20; Conservative
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Best Local Similarity
                                  Matches 20;
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APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: FOURON, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
                                                                                                                                                                                                                                                                                                      FILE REFERENCE: ABIOS.005A
                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
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OTHER INFORMATION: Synthetic Sequence
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                                 nilarity 100.0%;
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100.0%; Pred. No.
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100.0%; Pred. No.
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100.0%; Pred. No.
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2e+02;
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APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 2000-08-3
NUMBER OF SEQ ID NOS: 1145
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US-10-314-578-912
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; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-912
                                                                                                                   ; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-096-221-4
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Best Local Similarity 100.
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                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/274,236
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 21
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LENGTH: 21
                                  Matches
                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kurn, Nurith
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
FILE REFERENCE: 492692000700
CURRENT APPLICATION NUMBER: US/10/096,221
CURRENT FILING DATE: 2002-06-27
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
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; Pred. No. 2e+02;
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US-10-112-653-881
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; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-912
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US-10-017-995-912
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SOPTWARE: FASE/SEQ for Windows Version 3.0
SEQ ID NO 881
LENGTH: 21
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Best Local Similarity
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APPLICANT: Berg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
PRIOR FILING DATE: 2001-03-29
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                               LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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100.0%; Pred. No.
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RESULT 383 US-10-100-321-23/c

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; Sequence 23, Application US/10100321
; Publication No. US20030087251A1

GENERAL INFORMATION:

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US-10-371-066-2/c
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Sequence 2, Application US/20030162214A1

Publication No. US20030162214A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
MICHAEL J.; and Tu, Eugene
TITLE OF INVENTION:
MICROELECTRONIC SYSTEMS AND DEVICES FOR
MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
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LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
FILE REFERENCE 49269200500
CURRENT APPLICATION NUMBER: US/10/100,321
CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/274,550
PRIOR PILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: n = A,T,C or
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
OTHER INFORMATION: Primer
                                                          TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
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                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" biskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Versic
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION NUMBER: US/10/371,066
FILING DATE: 21-Feb-2003
CLASSIFICATION: CUNknown>
                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/146,504
FILING DATE: NO. US20030162214Alember 1,
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
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                                     SEQUENCE CHARACTERISTICS
                                                                                                                                           TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
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STATE: California
COUNTRY: USA
                                                                                                                                                         NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 611 West Sixth Street
                                                                                                   TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 90017
TYPE: nucleic acid
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                ENGTH: 2
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                                                                             67-3510
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2e+02;
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APPLICANT: HELLER, MICHAEL J

APPLICANT: HELLER, MICHAEL J

APPLICANT: EDMAN, CARL F

ITITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC

ITITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL

ITITLE OF INVENTION: METHODS, AND DIAGNOSTICS

FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194

CURRENT FILING DATE: 2002-06-11

PRIOR APPLICATION NUMBER: US/08/986,065

PRIOR PILING DATE: 1997-12-05

NUMBER OF SEQ ID NOS: 55

SOPTWARE: Patentin Ver. 2.0

SEQ ID NO 2
APPLICANT: Shockey, Jay M.
APPLICANT: Schnur, Judy
APPLICANT: Schnur, Judy
APPLICANT: Browse, John A.
TITLE OF INVENTION: Plant Acyl-CoA Synthetases
FILE REFERENCE: DOW-07654
CURRENT APPLICATION NUMBER: US/10/410,031
CURRENT FILING DATE: 2003-04-09
NUMBER OF SEQ ID NOS: 191
SOFTWARE: PatentIn version 3.2
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US-10-170-172-2/c
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                                                                                                                                                                          GENERAL INFORMATION:
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Best Local 8
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APPLICANT:
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APPLICANT: BUTLER, WILLIAM F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: u
IOCATION: (21)
IOCATION: (21)
OTHER INFORMATION: Description of Artificial Sequence: Synthesized
OTHER INFORMATION: with u at 3' terminus to provide ribonucleic acid
OTHER INFORMATION: base for reactivity; Poly A sequence for reduced
OTHER INFORMATION: secondary structure
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                                                                                                                                                                                                                                                                                                                           4464 TTTTTTTTTTTTTTTTTT 4483
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NERENBERG, MICHAEL I
                                                                                                                                                                                                            Application US/10410031
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                                                                                                                                                                                           US20040010817A1
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00.0%; Pred. No.
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0; Mismatches
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5. 2e+02;
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APPLICANT: Schnurr, Judy
APPLICANT: Browse, John A.
TITLE OF INVENTION: Plant Acyl-CoA Synthetases
FILE REFERENCE: DOM-07654
CURRENT APPLICATION NUMBER: US/10/410,031
CURRENT FILING DATE: 2003-04-09
NUMBER OF SEQ ID NOS: 191
SOFTWARE: Patentin version 3.2
SEQ ID NO 189
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATUR
                                                                                                                                                                                                                                                                         APPLICANT: Schroeder, Benjamin
APPLICANT: Chen, Caifu
APPLICANT: Chen, Caifu
APPLICANT: Chen, Caifu
TITLE OF INVENTION: Methods for the Enrichment of
TITLE OF INVENTION: Low-Abundance Polynucleotides
FILE REFERENCE: ABIOS.005CP1
CURRENT APPLICATION NUMBER: US/10/435,489
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: 10/144,179
PRIOR APPLICATION NUMBER: 10/144,179
PRIOR FILING DATE: 2002-05-09
NUMBER OF SEQ ID NOS: 64
SEQ ID NO 41
LENGTH: 21
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US-10-410-031-189
; Sequence 189, Application US/10410031
; Publication. US20040010817A1
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US-10-435-489-41
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                                                                                  US-10-435-489-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic US-10-410-031-189
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APPLICANT: Shockey, Jay M.
APPLICANT: Schnurr, Judy
APPLICANT: Browse, John A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%; Score 20; DB 1; Best Local Similarity 100.0%; Pred. No. 2e+02; Matches 20; Conservative 0; Mismatches
    Query Match
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TYPE DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                        OTHER INFORMATION: oligo-dT primer
                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                TYPE: DNA
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        0.3%; Score 20;
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    DB 1;
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Length 21;
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RESULT 391 US-09-901-484A-10

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APPLICANT: Brandis, John
APPLICANT: Schroth, Gary
APPLICANT: Schroth, Gary
APPLICANT: Schroth, Gary
APPLICANT: Applied Biosystems
TITLS OF INVENTION: Methods for Synthesizing Complementary DNA
PILE REFERENCE: 1560.012US1
CURRENT APPLICATION NUMBER: US/10/278,760
CURRENT PILING DATE: 2002-10-23
NUMBER OF SEQ ID NOS: 2
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-278-760-2
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밁
                                                                                                                                                     ; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-426-548-126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-426-548-126/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 390
                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 126, Application US/09426548 Patent No. US20010044936A1 GENERAL INFORMATION:
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Best Local Similarity
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                                                                            Matches
                                                                                          Best Local Similarity
                                                                                                            Query Match
                                                                                                                                                                                                                                                               APPLICANT: Ling, David
APPLICANT: Lin-Goerke, Juili L.
APPLICANT: Ling, Jessica
TITLE OF INVENTION: No. US20010044936A1el Mutations in Human MLH1 and MSH2 Genes Use
TITLE OF INVENTION: Diagnosing Colorectal Cancer
TILE OF INVENTION US30054
CURRENT APPLICATION NUMBER: US/09/426,548
CURRENT FILING DATE: 1999-10-22
RUMBER OF SEQ ID NOS: 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                          Conservative
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                                                                                          0.3%; Score 20; DB 1;
100.0%; Pred. No. 2.3e+0
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                                                                                                2.3e+02;
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Sequence 10,

Application US/09901484A

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FILE REFERENCE: GENSET.18CP1CP
CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 09/338,907
PRIOR APPLICATION NUMBER: 09/338,907
PRIOR PILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: 60/099,658
PRIOR APPLICATION NUMBER: 60/099,658
PRIOR PILING DATE: 1998-09-09
PRIOR PILING DATE: 1998-09-09
PRIOR PILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: PATENT.
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SEQ ID NO 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/099,658 PRIOR FILING DATE: 1998-09-09 PRIOR APPLICATION NUMBER: US 09/218,207 PRIOR FILING DATE: 1998-12-22
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PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: US 09/853,526
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 578
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                                                                                  TYPE: DNA
ORGANISM: Homo Sapiens
                      NAME/KEY: misc_feature
LOCATION: 1..24
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LOCATION: (1)..(24)
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ORGANISM: Homo sapiens
OTHER INFORMATION: primer oligonucleotide PGRT32
                                                                  FEATURE:
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Chumakov, Ilya
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Pred. No.
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                                                                                                                                ; OTHER INFORMATION: This is a synthesized sequence. US-10-002-536A-4
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US-10-002-536A-4/c
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Best Local Sin
Matches 20;
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SEQ ID NO 3
LENGTH: 24
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Publication No. US20030108874A1
GENERAL INFORMATION:
APPLICANT: Kane, Michael D.
APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/10002536A Publication No. US20030108874A1 GENERAL INFORMATION:
                                                                              Query Match
Best Local
                                                                                                                                                                                                                                SEQ ID NO 4
                                                                 Matches
                                                                                                                                                                                                                                                                     APPLICANT: Kane, Michael D.
APPLICANT: Nagel, Aaron C.
APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED TITLE OF INVENTION: (MENAS) IN EUKARYOTIC ORGANISMS
FILE REFERENCE: 65446-87
CURRENT APPLICATION NUMBER: US/10/002,536A
CURRENT FILING DATE: 2003-02-11
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/002,536A
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 5
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED TITLE OF INVENTION: (menas) IN EUKARYOTIC ORGANISMS
                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                LENGTH: 24
                                                                 Local Similarity
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                                                                             0.3%;
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100.0%; Pred. No.
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00.0%; Pred. No.
                       TTTTT 4483
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                                                                              Score 20;
Pred. No.
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2.5e+02
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2.5e+02;
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US-10-331-780-6/c
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                                                                                                                                                            ; OTHER INFORMATION: oligo (dT) primer US-10-396-551-15
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Publication No. US20040053816A1
GENERAL INFORMATION:
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APPLICANT: Chetverin, Alexander B.
APPLICANT: Chetverin, Alexander B.
APPLICANT: Kramer, Fred Russel
APPLICANT: Kramer, Fred Russel
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
                                                                 Query Match
Best Local Similarity 100.0%;
Marches 20; Conservative
                                                                                                                                                                                                   SEQ ID NO 15
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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LENGTH: 24
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CURRENT APPLICATION NUMBER: US/10/331,780
CURRENT FILING DATE: 2002-12-31
PRIOR APPLICATION NUMBER: US/08/473,010
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-25
                                                                                                                                                                                                                                                                                                       FILE REPERRNCE: 112402
CURRENT APPLICATION NUMBER: US/10/396,551
CURRENT FILING DATE: 2003-03-26
PRIOR APPLICATION NUMBER: US 60/367,212
PRIOR FILING DATE: 2002-03-26
NUMBER OF SEQ ID NOS: 16
NUMBER OF SEQ ID NOS: 16
SOPTWARE: Patentin version 3.2
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SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: AN ADIPOCYTE INSULIN ADPINSL WITH INSULIN A AND B CHAINS AND AN TITLE OF INVENTION: EFFECTIVE METHOD OF TREATING TYPE 2 DIABETES IN A SUBJECT USING TITLE OF INVENTION: ADIPOCYTE INSULIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: BHATTACHARYA, Samir APPLICANT: ROY, Sib Sankar
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ORGANISM: Artificial Sequence
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Local Similarity 100.0%;
tes 20; Conservative (
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CTTTTTTTTTTTTTTTT 25
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DASGUPTA, Subrata
MUKHERJEE, Mohua
                                                                                                 0.3%; Score 20;
00.0%; Pred. No.
                                    ITTTT 4482
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b; Pred. No. 2.5
0; Mismatches
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                                                                                Mismatches
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. 2.5e+02;
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RESULT 397
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; Sequence 56, Application US/09818991

; Publication No. US20030022157A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/987,456
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/271,424
PRIOR FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 60/262,067
PRIOR FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: 60/298,087
PRIOR APPLICATION NUMBER: 60/298,087
PRIOR FILING DATE: 2001-06-15
PRIOR PILING DATE: 2000-11-17
NUMBER OF SEQ ID NOS: 147
NUMBER OF SEQ ID NOS: 147
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US-09-818-991-56
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                                                                                                                            SEQ ID NO 56
LENGTH: 29
TYPE: DNA
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SEQ ID NO 102
LENGTH: 29
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Patent No. US20020123057A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                      TITLE OF INVENTION: Methods of Producing a Library and Methods of Selecting Polynucl TITLE OF INVENTION: of Interest FILE REPERENCE: 1821.0050004
CURRENT APPLICATION NUMBER: US/09/818,991
CURRENT FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/192,586
PRIOR FILING DATE: 2000-05-28
PRIOR APPLICATION NUMBER: 60/203,343
PRIOR FILING DATE: 2000-05-10
PRIOR APPLICATION NUMBER: 60/263,226
PRIOR APPLICATION NUMBER: 60/263,226
PRIOR APPLICATION NUMBER: 60/263,226
PRIOR APPLICATION NUMBER: 60/271,426
PRIOR APPLICATION NUMBER: 60/271,426
PRIOR FILING DATE: 2001-02-27
NUMBER OF SEQ ID NOS: 65
CORPUSABLE: DESCRIPTION SECONDARY OF SEQ ID NOS: 65
PRIOR FILING DATE: 2001-02-27
NUMBER OF SEQ ID NOS: 65
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APPLICANT: Zanderer, Maurice
APPLICANT: Zanderer, Smith
TITLE OF INVENTION: In Vitro Methods Of Producing And Selecting
TITLE OF INVENTION: Immunoglobulin Molecules In Eukaryotic Cells
FILE REFERENCE: 1821.0070004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Zauderer, Maurice APPLICANT: Smith, Ernest S.
                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.0
                        ORGANISM: Artificial Sequence FEATURE: FEATURE: NAME/KEY: misc feature OTHER INFORMATION: 7.5Gus sense
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Local Similarity 82.1%;
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Pred. No. 3.3e+02;
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Gaps

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APPLICANT: Smith, Ernest

APPLICANT: Wei, Chungwen

TITLE OF INVENTION: Methods of Producing or Identifying Intrabodies in E

FILE REFERENCE: 1821.0090004

CURRENT APPLICATION NUMBER: US/10/052,942

CURRENT FILING DATE: 2002-01-23

PRIOR APPLICATION NUMBER: 60/298,095

PRIOR FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/271,422

PRIOR APPLICATION NUMBER: 60/271,422

PRIOR APPLICATION NUMBER: 60/263,200

PRIOR FILING DATE: 2001-01-24

PRIOR FILING DATE: 2001-01-24

PRIOR PRIOR DATE: 2001-01-24

PRIOR APPLICATION NUMBER: 60/263,225

PRIOR APPLICATION NUMBER: 60/263,225

PRIOR PRIOR DATE: 2001-01-23
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                                                                                             SOFTWARE: PatentIn version 3.0 SEQ ID NO 134 LENGTH: 29
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LENGTH: 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/271,423
PRIOR FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 60/265,880
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: 60/265,589
PRIOR FILING DATE: 2001-02-02
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APPLICANT: Smith, Ernest S.
TITLE OF INVENTION: Methods of Identifying Regulator Molecules
FILE REFERENCE: 1821.0080003
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CURRENT FILING DATE: 2002-02-04
                                                                                                                                                                     NUMBER OF SEQ ID NOS: 154
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ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: primer
                                                                          TYPE: DNA
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Pred. No. 3.3e+02;
0; Mismatches 5;
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Pred. No. 3.3e+02;
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                   Sequence 423, Application US/10321039
Publication No. US20040014067A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Lyarvis, Nancy
APPLICANT: Kurensky, David
TITLE OF INVENTION: Amplification Methods and Compositions
FILE REFERENCE: FORS-06960
CURRENT APPLICATION NUMBER: US/10/321,039
CURRENT FILING DATE: 2002-12-17
PRIOR APPLICATION NUMBER: 09/998,157
PRIOR APPLICATION NUMBER: 09/998,157
PRIOR APPLICATION NUMBER: 09/998,157
PRIOR APPLICATION NUMBER: 00/309,113
PRIOR APPLICATION NUMBER: 00/309,113
PRIOR APPLICATION NUMBER: 60/309,113
PRIOR APPLICATION NUMBER: 00/300,489
PRIOR APPLICATION DATE: 2001-10-19
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APPLICANT: Smith, Ernest S.
TITLE OF INVENTION: Methods of Producing a Library and Methods of Selecting Polynucle
TITLE OF INVENTION: of Interest
FILE REFERENCE: 1821.0050006
CURRENT APPLICATION NUMBER: US/10/277,161
CURRENT FILING DATE: 2002-10-22
PRIOR APPLICATION NUMBER: 60/192,586
PRIOR APPLICATION NUMBER: 60/20,343
PRIOR FILING DATE: 2000-03-28
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/263,226
PRIOR APPLICATION NUMBER: 60/271,426
PRIOR APPLICATION NUMBER: 60/271,426
PRIOR APPLICATION NUMBER: 00/271,426
PRIOR APPLICATION NUMBER: 00/271,426
PRIOR APPLICATION NUMBER: 00/271,426
PRIOR APPLICATION NUMBER: 00/270,426
PRIOR APPLICATION NUMBER: 00/271,426
PRIOR APPLICATION NUMBER: 00/270,426
PRIOR PILING DATE: 2001-02-27
PRIOR PILING DATE: 2001-03-28
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US-10-277-161-56/c
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Best Local
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OTHER INFORMATION: 7.5Gus sense
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    OF SEQ ID NOS:
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ilarity 82.1%; Pred. No. 3.
Conservative 0; Mismatche
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Pred. No. 3.
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                                                                                                                                                                            RESULT 404
US-09-891-517-6
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APPLICANT: KANAGAW
APPLICANT: TORIMUR.
APPLICANT: TORIMUR.
APPLICANT: KURATA,
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SEQ ID NO 423
                                                               Sequence 6, Application US/09891517
Patent No. US20020106653A1
GENERAL INFORMATION:
APPLICANT: KURANG, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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Best Local &
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APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: MUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JF2000-193133
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-292483
PRIOR FILING DATE: 2000-926
                  APPLICANT:
                                                   APPLICANT:
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KAMAGATA, YOICHI
TORIMURA, MASAKI
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KAMAGATA, YOICHI
TORIMURA, MASAKI
KURATA, ŚHINYA
YAMADA, KAZUTAKA
YOKOMAKU, TOYOKAZU
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Pred. No. 3.3e+02;
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APPLICANT: KUNAGAWA, TAKAHIRO
APPLICANT: KAMAGAWA, TAKAHIRO
APPLICANT: KAMAGAWA, TAKAHIRO
APPLICANT: KAMAGAWA, YOICHI
APPLICANT: KAMAGAWA, YOICHI
APPLICANT: KAMAGAWA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NUCLEIC ACID PROBE
TITLE OF INVENTION: NUCLEIC ACID BY USING TO
TITLE OF INVENTION: NUTHER USING TO
TITLE OF INVENTION NUMBER: US/09/891,517
CURRENT APPLICATION NUMBER: JP2000-193133
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PATENTIN SONO-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PATENTIN VETSION 3:1
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CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: UP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: UP2000-236115
PRIOR APPLICATION NUMBER: UP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR PILING DATE: 2000-09-05
PRIOR PILING DATE: 2000-09-16
NUMBER OF SEQ ID NOS: 108
SOFTWARE: Patentin version 3.1
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US-09-891-517-7
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LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Patent No. US20020106653A1
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Best Local Similarity 82.1%;
Matches 23; Conservative
                                                              Query Match
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                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                               FEATURE:
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4458 ATGGACTITITITITITITITITITITGT 4485
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                                                      Score 20; DB 1;
pred. No. 3.4e+02;
0; Mismatches
                                                                                                                                                                DNA
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Pred. No. 3.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ACID PROBES,
BY USING THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             METHOD FOR DETERMINING CONCENTRATIONS PROBES, AND METHOD FOR ANALYZING DATA
                                                                                               Length 30;
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APPLICANT: KURATA, ŚHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, ME'
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PRITITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: J0000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: J72000-236115
PRIOR APPLICATION NUMBER: J72000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER: D8TONS: 108
SOSTWARE: D8TOIT NOS: 108
SOSTWARE: D8TOIT NOS: 108
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APPLICANT: KANAGAMA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
SOFTWARE: PatentIn
SEQ ID NO 9
LENGTH: 30
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
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Best Local Similarity
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APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEC ID NOS: 108
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
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82.1%;
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US-09-891-517-11

Sequence 11, Application US/09891517 Patent No. US20020106653A1

GENERAL INFORMATION:

APPLICANT: KURANE, RYUICHIRO
APPLICANT: KAMAGAWA, TAKAHIRO
APPLICANT: KAMAGAWA, TOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: YOKIMURA, MASAKI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: WETHOD

FILE REFERENCE: 210352US-1994-163-0-X

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GENERAL INFORMATION:

APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAMA, TAKAHIRO
APPLICANT: KANAGAMA, TAKAHIRO
APPLICANT: KANAGAMA, TAKAHIRO
APPLICANT: YAMAGATA, YOICHI
APPLICANT: YAMAGATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: MUTHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT FILING DATE: 2010-66-27
PRIOR APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR
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US-09-891-517-10
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                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                               / Match 0.3%;
Local Similarity 82.1%;
nes 23; Conservative (
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Local Similarity 82.1%;
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                                                                                                                                                                      Score 20; I
Pred. No. 3
                                                                                                                                      Mismatches
                                                                                                                                                                                                         DB 1;
                                                                                                                                                                         .4e+02;
                                                                                                                                                                                                     Length 30
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APPLICANT: KOMAMS, RIUCHLEO
APPLICANT: KANAGAMA, TAKAHIRO
APPLICANT: KANAGAMA, TAKAHIRO
APPLICANT: KOMAMSAKI
APPLICANT: TORIMURA, MASAKI
APPLICANT: YOKOMAKU, TOYOXOZU
APPLICANT: YOKOMAKU, TOYOXOZU
APPLICANT: YOKOMAKU, TOYOXOZU
APPLICANT: YOKOMAKU, TOYOXOZU
TITLE OF INVENTION: NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT APPLICATION NUMBER: US/09/891,517
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
COPPMENDE: DETETT NUMBER: JP2000-292483
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                RESULT 411
US-09-891-517-13
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CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
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SEQ ID NO 12
LENGTH: 30
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SEQ ID NO 11
LENGTH: 30
Sequence 13, Application US/09891517
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                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Synthetic DNA
                                                                                                                                                                                                                                                                                                                                   FEATURE:
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82.1%; Pred. No. 3.4e+02;
tive 0; Mismatches 5
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82.1%; Pred. No. 3.40
Live 0; Mismatches
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APPLICANT: YOKOMAKU, TOYOKAZU

APPLICANT: KOYAMA, OSAMU

APPLICANT: KOYAMA, OSAMU

APPLICANT: FURUSHO, KENTHA

TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC

TITLE OF INVENTION: MUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANAL

TITLE OF INVENTION: THE METHOD

FILE REFERENCE: 0163-0758-0X

CURRENT FILING DATIS: 0163-0758-0X

CURRENT FILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: US/99/556,127

PRIOR PRIOR DATE: 2000-04-20

PRIOR FILING DATE: 2000-04-20

PRIOR FILING DATE: 1999-04-20

NUMBER: DE SEQ ID NOS: 70

COLUMBER: DE SECIED 2016-04-20
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US-10-683-386-4
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US-10-683-386-4
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Best Local Similarity
Matches 23; Conserv
                                                                                                                                                                      SOFTWARE: PatentIn version 3.1 SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: KURANE, I
APPLICANT: KANAGAW
APPLICANT: KAMAGAT
APPLICANT: YAMADA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: KURADA, KAZUTAKA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR PILING DATE: 2000-09-26
NUMBER DATE: 2000-09-26
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APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: TORIMURA, MASAKI
                                                                                LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                        FEATURE:
OTHER INFORMATION:
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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                           SYNTHTIC DNA
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Pred. No. 3.4e+02;
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Query Match

0.3%; Score 20;

DВ 1;

Length 30;

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GENERAL INCOMMATION:

APPLICANT: KURANE, RYUTCHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAGU, TOYOKAZU
APPLICANT: YOKOMAGU, TOYOKAZU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
NUMBER OF SEQ ID NOS: 70
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US-10-683-386-6
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SEQ ID NO 5
LENGTH: 30
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APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID |
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING |
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/99/556,127
PRIOR APPLICATION NUMBER: US/99/556,127
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 1999-04-20
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APPLICANT: KANAGA
APPLICANT: KAMAGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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0; Mismatches 5;
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Pred. No. 3.4e+02;
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US-10-683-386-8

Sequence 8, Application US/10683386 Publication No. US20040063137A1

GENERAL INFORMATION:

APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA

TITLE OF INVENTION: TITLE OF INVENTION:

PURUSHO, KENTA
INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
INVENTION: THE METHOD

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; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL S
; FEATURE:
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; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-7
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US-10-683-386-7
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                                                                                                                                                                                                      SOPTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7, Applicat
Publication No. US20
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 23; Conserv
                                                                            Matches
                                                                                            Query Match
Best Local
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APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 1999-04-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: KURANE, RYUICHIRO APPLICANT: KANAGAWA, TAKAHIRO APPLICANT: KANAGATA, YOCHI APPLICANT: YAMADA, KAZUTAKA
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                    4458 ATGGACTITITITITITITITITITITGT 4485
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Application US/10683386
No. US20040063137A1
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                                                                            Conservative
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                                                                                              Score 20;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 20; DB 1;
Pred. No. 3.4e+02;
                                                                            Mismatches
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                                                                                            3.4e+02;
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                                                                                                                  DB 1;
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FILE REPERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR PILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 9
LENGTH: 30
RESULT 418
US-10-683-386-10
; Sequence 10, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
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US-10-683-386-9
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; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-8
                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: SYNTHETIC DNA US-10-683-386-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Best Local Similarity 82.1%;
Matches 23; Conservative
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CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: UP 1999-111601
PRIOR PILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHII
APPLICANT: KAMAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING TITLE OF INVENTION: THE METHOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                       ORGANISM: ARTIFICIAL SEQUENCE PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                               Local Similarity
les 23; Conserv
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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KOYAMA, OSAMU
FURUSHO, KENTA
                                                                                                                                              Conservative
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Pred. No. 3.4e+02;
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Pred. No.
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APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAWAGATA, YOICHI
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURNISHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR PILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTMARE: Patentin version 3.1
SEQ ID NO 10
LENGTH: 30
TYPE: DNA
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; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-10
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                                                                                                                                                               US-10-683-386-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 11, Applica Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 30
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Best Local Similarity
Matches 23; Conserv
                                                                      Best Local
Matches
                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                      APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: MUCHEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
TITLE REFERENCE: 0163-0758-0X
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 1999-04-20
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ORGANISM: ARTIFICIAL SEQUENCE
                                                                                                                                                                                  ORGANISM: ARTIFICIAL SEQUENCE PEATURE:
OTHER INFORMATION: SYNTHETIC DNA
                                                                                                                                                                                                                                                      TYPE: DNA
Similarity
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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KOYAMA, OSAMU
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                                                                        Score 20; DB 1;
Pred. No. 3.4e+02;
0; Mismatches 5
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Pred. No. 3.4e+02;
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                                                                                                                   Length 30;
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                                                        NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn versi
SEQ ID NO 13
LENGTH: 30
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Publication No. US20040063137A1
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                   APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0.63-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
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APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
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APPLICANT: KANAGA
APPLICANT: KAMAGA
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CURRENT FILING DATE: 2000-04-20
                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
               ORGANISM: ARTIFICIAL SEQUENCE
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KAMAGATA, YOICHI
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KAMAGATA, YOICHI
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KOYAMA, OSAMU
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U, TOYOKAZU
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U, TOYOKAZU
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US-10-079-616-23
                                                                                                                                        US-10-079-616-23
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Best Local Similarity
Matches 23; Conserv
                                                                 Query Match
Best Local Similarity
Matches 23; Conserv
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                                                                                                                                                                                                                                                                              TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 23:
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                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 09/011,143
FILING DATE: 04-FEB-1998
APPLICATION NUMBER: PCT/JP97/01824
FILING DATE: 29-MAY-1997
APPLICATION NUMBER: JP 165249/1996
FILING DATE: 04-JUN-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/079,616
FILING DATE: 22-Feb-2002
CLASSIFICATION: CUnknown>
                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOKIYOSHI, Sachio
TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN
NUMBER OF SEQUENCES: 26
                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION:
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                                  4454 TGGCATGGACTTTTTT
                                                                                                                                                         SEQUENCE DESCRIPTION: SEQ ID NO: 23:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
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REGISTRATION NUMBER:
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No. US20020107366A1
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IMAGAWA, Yoshitaka
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                                                                                   0.3%; Score 20; DB 1;
82.1%; Pred. No. 3.4e+02;
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Pred. No. 3.4e+02;
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                                                                     Mismatches
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                                  TTTT 4481
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GENERAL INFORMATION:

APPLICANT: KANAGNA, TAKAHIRO

APPLICANT: KANAGNA, TAKAHIRO

APPLICANT: KANAGAWA, TAKAHIRO

APPLICANT: KANAGAWA, TOYOKAZU

APPLICANT: YOKOMAKU, YOKOMAKU, YOKOMAKU

APPLICANT: YOKOMAKU, TOYOKAZU

APPLICANT: YOKOMAKU, YOKOMAKU

APPLICANT: YOKOMAKU, YOKOMAKU

APPLICANT: YOKOMAKU, YOKOMAKU

APPLICANT: YOKOMAKU, YOKOMAKU

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LENGTH: 30
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APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
TITLE OF INVENTION: MUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
TILLE OF INVENTION: THE METHOD
TILLE OF INVENTION: THE METHOD
TILLE OF INVENTION INVENTE: US/10/209,608
CURRENT APPLICATION NUMBER: US/9/725,265
PRIOR APPLICATION NUMBER: US/9/725,265
PRIOR FILING DATE: 2000-01-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: UP 1999-111601
PRIOR FILING DATE: 1909-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
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ORGANISM: ARTIFICIAL SEQUENCE
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; OTHER INFORMATION: SYNTHETIC US-10-209-608-5
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                                                                                                                                                                                                                                                                                                                                           RESULT 426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR TILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR PILING DATE: 1909-04-20
PRIOR PILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
                                                                                                                                                                                                                                                   Sequence 7, Application US/10209608 Publication No. US20030082592A1 GENERAL INFORMATION:
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Best Local Similarity 82.1%;
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Best Local Similarity
Matches 23; Conserve
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APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
TITLE OF TURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: THE METHOD
TITLE OF INVENTION: THE METHOD
               APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
                                                                                                                                                                 APPLICANT: KURANE, RYUICHIRO APPLICANT: KANAGAWA, TAKAHIRO APPLICANT: KANAGAWA, TOCHI KAMAGATA, YOUTAKA APPLICANT: YAMADA, KAZUTAKA
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CURRENT APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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  NUMBER: US/10/209,608
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Pred. No. 3.4e+02;
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Pred. No. 3.4e+02;
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PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 7
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION UNMER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
RESULT 428
US-10-209-608-9
; Sequence 9, Application US/10209608
; Publication No. US20030082592A1
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; CRANISM: ARTIFICIAL SEQUENCE
; PEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-7
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US-10-209-608-8
                                                                                                                                                                                                                                                                                              ; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-8
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Best Local Similarity
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                                                                                                                                                                                                                 Matches
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APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAWU
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: THE METHOD
TITLE OF INVENTION: THE METHOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-04-20
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nes 23; Conserv
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Pred. No. 3.4e+02;
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APPLICANT: YAMMUM, NOTICIAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICATION INCLESIC ACID PROBES FOR THE METHOD OF TARGET NUCLEIC ACID MOL
TITLE OF INVENTION: MUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAI
TITLE OF INVENTION: THE METHOD
FILE OF INVENTION: THE METHOD
FILE OF INVENTION NUMBER: US/10/209,608
CURRENT APPLICATION NUMBER: US/09/725,265
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
INVEST OF SEQ ID NOS: 70
SOSTWARE: PACENTIN UNWBER: US 1999-111601
PRIOR FILING DATE: 1999-04-20
INVEST OF SEQ ID NOS: 70
SOSTWARE: PACENTIN VETSION 3.1
SEQ ID NO
PRIOR FILING ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-9
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OTHER INFORMATION: SYNTHETIC DNA US-10-209-608-10
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                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 1999-111601
PRIOR APPLICATION NUMBER: UP 1999-111601
PRIOR FILING DATE: 1999-04-20
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Best Local Sim.
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APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
                                                                                                                                   SEQ ID NO 10
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENYA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
TITLE OF INVENTION: THE METHOD
TITLE OF INVENTION: THE METHOD
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 70 SOFTWARE: PatentIn version 3.1
                                             TYPE: DNA
OKGANISM: ARTIFICIAL SEQUENCE
FEATURE:
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RESULT 431
US-10-209-608-12
Sequence 12, Application US/10209608
Publication No. US20030082592A1
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Best Local Similarity 82.1%;
Matches 23; Conservative
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SEQ ID NO 11
LENGTH: 30
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APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: MUTCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2000-01-29
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
NUMBER OF SEQ ID NOS: 70
NUMBER OF SEQ ID NOS: 70
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            APPLICANT: KURANG, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: YANADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID |
TITLE OF INVENTION: THE METHOD
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT APPLICATION NUMBER: US/10/205,608
CURRENT FILING DATE: 2000-11-29
PRIOR FILING DATE: 2000-11-29
PRIOR FILING DATE: 2000-11-29
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APPLICANT: KANAGA
APPLICANT: KAMAGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                / Match 0.3%; Score 20; DB 1; Local Similarity 82.1%; Pred. No. 3.4e+02; es 23; Conservative 0; Mismatches 5
APPLICATION NUMBER: US 09/556,127
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KAWAGATA, YOICHI
KAWAGATA, KAZUTAKA
YAWADA, KAZUTAKA
YOKOMAKU, TOYOKAZU
KOYAMA, OSAMU
FURUSHO, KENTA
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FILE REFERENCE: 19953USOXDIV
CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR PILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 13
LENGTH: 30
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PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 12
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
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RESULT 433
US-10-357-488-20/c
Sequence 20, Application US/10357488
; Publication No. US20030194730A1
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US-10-209-608-13
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Best Local (
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Publication No.
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APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, WETHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
                                                                                                                                                                                                                                                                                                                    FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
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                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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Similarity 82.1%;
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                                                                                                                                                                                                                0; Mismatches
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Pred. No. 3.4e+02;
                                                                                                                                                                                                                                   Score 20; DB 1;
Pred. No. 3.4e+02;
                                                                                                                                                                    TTGT 4485
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GENERAL INFORMATION:

APPLICANT: Centre For DNA Fingerprinting and Diagnostics

TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a method

TITLE OF INVENTION: primers and markers for identifying genetic constitution and br

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RESULT 435
US-10-477-726-46
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                                                                                                                                    Sequence 46, Application US/10477726
Publication No. US20040110231A1
GENERAL INFORMATION:
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LENGTH: 24
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APPLICANT: Takeda Chemical Industries, Ltd.
TITLE OF INVENTION: Screening method
FILE REFERENCE: POZ-0058PCT
CURRENT APPLICATION NUMBER: US/10/477,726
CURRENT FILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: 2001-145411
PRIOR FILING DATE: 2001-05-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: JP 2000-364801
PRIOR FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: JP 2001-087482
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: JP 2001-145434
PRIOR FILING DATE: 2001-05-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Takeda Chemical Industries, Ltd.
TITLE OF INVENTION: No. US20040029178A1el G Protein-Coupled Receptor Proteins and
FILE REFERENCE: P01-0255PCT
CURRENT APPLICATION NUMBER: US/10/433,561
CURRENT FILING DATE: 2003-05-30
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CURRENT APPLICATION NUMBER: US/10/357,488
CURRENT FILING DATE: 2003-02-04
PRIOR APPLICATION NUMBER: 260/MAS/2002
PRIOR FILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: JP 2001-270838 PRIOR FILING DATE: 2001-09-06 NUMBER OF SEQ ID NOS: 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
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nes 21; Conser
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ilarity 91.3%;
Conservative
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Pred. No. 2.7e+02;
0; Mismatches 2;
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Pred. No. 2.5e+02
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US-10-182-434-2/c
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CURRENT FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 09/583,169
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/263,810
PRIOR FILING DATE: 1999-03-08
PRIOR APPLICATION NUMBER: 09/821,451
PRIOR APPLICATION NUMBER: 09/821,451
PRIOR PILING DATE: 1997-03-21
PRIOR FILING DATE: 1997-03-21
PRIOR APPLICATION NUMBER: 60/014,724
PRIOR FILING DATE: 1996-03-21
PRIOR FILING DATE: 1996-03-21
PRIOR FILING DATE: 1966-03-21
NUMBER OF SEQ ID NOS: 27
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SEQ ID NO 16
SENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
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SEQ ID NO 46
LENGTH: 24
                                                                                                                                       Sequence 2, Application US/10182434
Publication No. US20030190633A1
GENERAL INFORMATION:
APPLICANT: TANGA, Michifumi
APPLICANT: TOKAMURA, Hiroshi
APPLICANT: TAKAGI, Kenichi
APPLICANT: TAKAGI, Kenichi
APPLICANT: TAKAGI, Kenichi
APPLICANT: TAKAGSHI, Kojiro
TITLE OF INVENTION: SUPPORT FOR FIXING NUCLEOTIDE AND PROCESS FOR PRODUCING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 16, Application UP Patent No. US20020151012A1 GENERAL INFORMATION:
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Best Local Similarity 91.3%;
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Best Local S
             FILE REFERENCE: TANGAS
CURRENT APPLICATION NUMBER: US/10/182,434
CURRENT FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: JP 2000-019301
PRIOR FILING DATE: 2000-01-27
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: NI ET AL.
TITLE OF INVENTION: HUMAN ENDOMETRIAL SPECIFIC STEROID-BINDING FACTOR I,
FILE REFERENCE: PF257D3
SOFTWARE: PatentIn version 3.1
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Pred. No. 3.2e
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Pred. No. 2.7e+02
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PRIOR APPLICATION NUMBER: JP2001-026820
PRIOR FILING DATE: 2001-02-02
NUMBER OF SEQ ID NOS: 71
SEQ ID NO 7
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
PEATURE:
OTHER INFORMATION: DNA primer, hBv8-F1 primer
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US-09-878-756-8/c
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                                                                         ; OTHER INFORMATION: Description of Artificial Sequence: US-09-878-756-8
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LENGTH: 27
TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                APPLICANT: Potter, Andrew A.
APPLICANT: Bolton, Alexandra J.
APPLICANT: Bolton, Alexandra J.
APPLICANT: Song, Xin Ming
TITLE OF INVENTION: IMMUNIZATION OF DAIRY CATTLE WITH MIG PROTEIN
FILE REFERENCE: 9000-0056
CURRENT APPLICATION NUMBER: US/09/878,756
CURRENT FILING DATE: 2001-06-11
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8
LENGTH: 30
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Best Local Similarity 84.6%;
Matches 22; Conservative
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Publication No. US20040048314A1
GENERAL INFORMATION:
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Best Local Similarity 91.3%;
Matches 21; Conservative
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Patent No. US20020025322A1
GENERAL INFORMATION:
Query Match 0.:
Best Local Similarity 84.0
Matches 22; Conservative
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CURRENT FILING DATE: 2003-08-01
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TITLE OF INVENTION: No. US20040048314A1el Phisiological Active Peptide and Its
FILE REFERENCE: P01-0295PCT
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                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                               FEATURE:
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 0.3%; Score 19.6; DB 1;
84.6%; Pred. No. 4e+02;
tive 0; Mismatches 4;
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Pred. No. 3.2e+02;
0; Mismatches 2;
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                                       Length 30;
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APPLICANT: Vervoort, Marcel B.H.J.

APPLICANT: Vervoort, Marcel B.H.J.

APPLICANT: Widdeldorp, Jaap M.

ITITLE OF INVENTION: OLIGONUCLEOTIDES FOR THE AMPLIFICATION AND DETECTION OF EPSTEIN TITLE OF INVENTION: BARR VIRUS (EBV) NUCLEIC ACID

FILE REFERENCE: 9310.17DV

CURRENT APPLICATION NUMBER: US/10/744,635

CURRENT FILING DATE: 2003-12-23

PRIOR APPLICATION NUMBER: US 09/623,329

PRIOR FILING DATE: 2000-11-13

PRIOR FILING DATE: 1099-03-01

INUMBER OF ESQ ID NOS: 37

SOFTWARE: Patentin version 3.2

SEQ ID NO 36

LENGTH: 30

ORGANISM: Epstein-Barr Virus
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                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Zhong, Weidong
APPLICANT: Hong, Zhi
APPLICANT: Ferrari, Eric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
FILE REFERENCE: IN01165
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Best Local Similarity 84.6%;
Matches 22; Conservative
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                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 14, Application US/09828034
Patent No. US20020064771A1
                                                                         Matches
                                                                                         Best Local Similarity
                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/828,034
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: U.S. 60/195,852
PRIOR FILING DATE: 2000-04-06
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                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 33
                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                               TYPE: RNA
                                                                                                                                                                                                                                                 ENGTH:
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                                 4460 GGACTTTTTTTTTTTTTT 4480
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                                                                           Conservative
                                                                                         95.2%;
                                                                       Score 19.4; DB 1;
Pred. No. 2.5e+02;
0; Mismatches 1.
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Pred. No. 4e+02;
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                                                                                                           Length 21;
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RESULT 444

US-10-418-182-96/c

(Sequence 96, Application US/10418182

Publication No. US20030228302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

FILE REFERENCE: 1551.2001-001

CURRENT APPLICATION NUMBER: US/10/418,182

CURRENT FILING DATE: 2003-04-16
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US-10-215-432-44
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APPLICANT: Eric B. Kmiec
APPLICANT: Hetal Parekh-Olmedo
TITLE OF INVENTION: Composition and
TITLE OF INVENTION: prevention and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: NaPro-10
CURRENT APPLICATION NUMBER: US/10/215,432
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 21
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CURRENT APPLICATION NUMBER: US/10/215,432
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 37, Application US/10215432 Publication No. US20030109476A1
                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%;
Best Local Similarity 95.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Composition and methods for the TITLE OF INVENTION: prevention and treatment of Hu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Eric B. Kmiec
APPLICANT: Hetal Parekh-Olmedo
PRIOR APPLICATION NUMBER: 60/373,558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Isolated clone of gene-alteration directed OTHER INFORMATION: chimera
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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95.2%;
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Pred. No. 2.5e+02;
                                                                                                                                                                                                                                                                                                                                                                     Score 19.4; DB 1; Length 21; Pred. No. 2.5e+02;
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US-10-309-775A-27
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MAR'A
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: AEOMICA-7
CURRENT FILLING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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publication No. US20040006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: INMUNOSTIMULATORY OLIGONUCLECTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR PILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 96
LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.1
SEQ ID NO 27
LENGTH: 24
TYPE: DNA
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APPLICANT:
APPLICANT:
APPLICANT:
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Best Local (
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Best Local Similarity 95.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
OTHER INFORMATION: PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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Pred. No. 2.5e+02;
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Pred. No. 3.
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APPLICATION NUMBER: PCT/US01/00666

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APPLICANT: HANZEL, DAVIG K.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MAYK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: ARCMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-00-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
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; ORGANISM: Homo sapiens
US-09-866-108-13908
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SOFTWARE: Aecmica Sequence
SEQ ID NO 13908
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 13909, Application US/09866108
Patent No. USZ0020048800A1
GENERAL INFORMATION:
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APPLICANT: JI
APPLICANT: PE
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00667
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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PENN, Sharron
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87.5%;
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Pred. No. 3.
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APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXP
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
FRIOR APPLICATION NUMBER: US 99/866,108
FRIOR APPLICATION NUMBER: US 60/207,456
FRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PRIOR PRICE 2000-10-04
PRIOR PRICE PAGE 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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US-10-723-361-13908
SOFTWARE: Aeomi
SEQ ID NO 13908
LENGTH: 25
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Best Local Similarity 87.5%;
Matches 21; Conservative
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APPLICANT:
APPLICANT:
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NUMBER OF SEQ ID NOS: 15752
                                                                                                     PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
                                                                Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: GU, Yizhong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
APPLICATION NUMBER: US 60/266,860
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00661
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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                                                                                                                                                                                     APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                             FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT,
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                       FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GGCGGTGCATGGAGCTGGAGAAGT 24
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HANZEL, David
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Pred. No. 3.
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                                                                                      File Wrapper
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RESULT 450
US-09-381-624A-8
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13909
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US-10-723-361-13909
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PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR PILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
Sequence 8, Application US/09381624A Patent No. US20020068349A1 GENERAL INFORMATION:
APPLICANT: Horinouchi, Sueharu
                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 13909
TENGTH: 25
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Best Local Similarity
Matches 21; Conserv
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Publication No. US20040137589A1
                                                                                                                                                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                          Best Local Similarity
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APPLICANT: JI, Yonggai
APPLICANT: PENN, Shar:
APPLICANT: HANZEL, Da
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                    Conservative
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ilarity 87.5%;
Conservative
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87.5%;
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                                                                                                                                                                                                                                                                       Score 19.2; DB 1;
Pred. No. 3.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 19.2; DB 1;
Pred. No. 3.6e+02;
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                                                                                                                                                                                                                                                                                         Length 25;
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                                                                                                                                                                                                                                                    Indels
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; ORGANISM: Grifola frondosa; FEATURE:
; NAME/KEY: modified_base; LOCATION: (7)...(7)
; OTHER INFORMATION: t
; NAME/KEY: modified_base; LOCATION: (10)...(27)
; OTHER INFORMATION: t
US-09-381-624A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 451
US-09-263-959-524/c
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SEQ ID NO 8
LENGTH: 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 3; Conserv
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TITLE OF INVENTION: GENE ENCODING TREHALOSE PHOSPHORYLASE, VECTOR CONTAINING THE GENE
TITLE OF INVENTION: TRANSFORMANT TRANSFORWED BY THE GENE, AND METHOD FOR PRODUCING R
TITLE OF INVENTION: TREHALOSE PHOSPHORYLASE WITH THE USE OF TRANSFORMANT
FILE REFERENCE: FOIN-100
CURRENT PRICTO NUMBER: US/09/381,624A
CURRENT FILING DATE: 1999-12-15
PRIOR PILING DATE: 1999-12-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                               TELEFAX: (206) 682-603
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                      APPLICATION NUMBER: US/09, FILING DATE: 05-MAR-1999 CLASSIFICATION:
ATTORNEY AGENT INFORMATION:
NAME: MCMASCETS, David D.
REGISTRATION NUMBER: 33,91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hood, Leroy E.
                                                                                                                                                              REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: U. Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS
STRANDEDNESS: BI
                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Washington COUNTRY: US
                                         LENGTH: 27 base pairs
TYPE: nucleic acid
                                                                                                                                           TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Rowen, Lee
Koop, Ben F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                           (206) 682-6031
                                                                                                                                                                                                                                                                                                                                                PatentIn Release #1.0, Version #1.25
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                                                                                                                                             (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%; Score 19.2; DB
12.5%; Pred. No. 4e+02;
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Sequence 1, Application US/09917138

; Patent NO. US20020031776A1

; GENERAL INFORMATION:

; APPLICANT: TULLIS, Richard

; APPLICANT: TULLIS, Richard

; APPLICANT: STEIFFEL, Jerome

; TITLE OF INVENTION: ENZYMATIC LABELING AND DETECTION OF DNA

; TITLE OF INVENTION: HYBRIDIZATION PROBES

; FILE REFERENCE: 24730-2207B

; CURRENT APPLICATION NUMBER: US/09/917,138

; CURRENT FILING DATE: 2001-07-26

PRIOR APPLICATION NUMBER: 09/580,358

; PRIOR APPLICATION NUMBER: 09/580,358

; PRIOR APPLICATION NUMBER: 09/136,545

; PRIOR APPLICATION NUMBER: 09/136,545

; PRIOR FILING DATE: 1999-05-28

; NUMBER OF SEQ ID NOS: 7

; COPTABLE: DATE: 1999-05-28
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TITLE OF INVENTION: 53 Human Secreted Proteins
TILE REFERENCES: PZ0.182
CURRENT APPLICATION NUMBER: US/09/984,429
CURRENT ELING DATE: 2001-10-30
PRIOR APPLICATION NUMBER: 60/244,591
PRIOR FILING DATE: 2000-11-01
PRIOR APPLICATION NUMBER: 60/248,143
PRIOR FILING DATE: 1999-04-08
PRIOR APPLICATION NUMBER: FCT/US98/21142
PRIOR APPLICATION NUMBER: 60/061,463
PRIOR PILLING DATE: 1997-10-09
PRIOR APPLICATION NUMBER: 60/061,529
PRIOR APPLICATION NUMBER: 60/061,529
PRIOR APPLICATION NUMBER: 60/061,529
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US-09-984-429-633
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Best Local Similarity 75.0
24; Conservative
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Best Local Similarity 87.5%;
Matches 21; Conservative
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 633
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/061,532 PRIOR FILING DATE: 1997-10-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1997-10-09
PRIOR PELLCATION NUMBER: 60/071,498
PRIOR FILING DATE: 1997-10-09
PRIOR APPLICATION NUMBER: 60/061,527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/061,536 PRIOR FILING DATE: 1997-10-09
SOFTWARE: PastSEQ for Windows Version 4.0
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Pred. No. 7.5e+02;
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Pred. No. 4e+02;
0; Mismatches 3;
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; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Oligonucleotide Primer
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: Biotinylation at the 5' en
; NAME/KEY: misc_feature
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                                                                                                                                             US-09-901-484A-515
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SEQ ID NO 515
LENGTH: 19
TYPE: DNA
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                                                                                      Query Match
Best Local Similarity
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PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: US 60/099,658
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: US 09/218,207
PRIOR FILING DATE: 1998-12-22
                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/338,907
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: US 09/853,526
PRIOR FILING DATE: 2001-05-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate Cancer Gene
FILE REFERENCE: GEN-T111XC3D2
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                                                                                                                                                    ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(19)
OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
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Chumakov, Ilya
                                                                     Conservative
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100.0%; Pred. No.
tive 0; Mismatcl
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Pred. No. 2.6e+02;
                                                                         Mismatches
                                                                                        DB 1; Le 2.6e+02;
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; Sequence 515, Application US/09853526; Patent No. US20020165345A1; GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

RESULT 455 US-09-853-526-515

Blumenfeld, Marta

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APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkarraman
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Oligonucleotides Having Di
FILE REFERENCE: ISIS4789
CURRENT APPLICATION UNMBER: US/09/970,971A
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 19
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US-09-970-971A-15
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PRIOR FILING DATE: 1999-06-23
PRIOR PPLICATION NUMBER: 08/996,306
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR FILING DATE: 1998-09-09
PRIOR PPLICATION NUMBER: 09/218,207
PRIOR FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
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SEQ ID NO 515
                                                               Matches
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NAME/KEY: misc feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
-09-853-526-515
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CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILING DATE: 2001-05-11
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TITLE OF INVENTION: PROSTATE CANCER GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                            NAME/KEY: misc_feature LOCATION: (1)...(19) OTHER INFORMATION: P=O
                                                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 3'-O-MOE
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                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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                                                             Local Similarity
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4464 TITTITTTTTTTTTTTTT 4482
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                                                               Conservative
                                                                              0.3%; Score 19; DB 1; Li
100.0%; Pred. No. 2.6e+02;
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100.0%; Pred. No. 2.6e+0
ive 0; Mismatches
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                                                               Mismatches
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hes 0;
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APPLICANT: Mancharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Kook, Phillip Dan
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Oligonucleotides Having Di
FILE REFERENCE: ISIS4789
CURRENT APPLICATION NUMBER: US/09/970,971A
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 34
SOPTWARE: Patentin version 3.1
SEQ ID NO 16
LENGTH: 19
TYPE: NNA
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; NAME/KEY: misc_feature
; LOCATION: (1)...(19)
; OTHER INFORMATION: P=O
US-09-970-971A-16
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US-09-970-971A-26
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                                                                                                                                                                                                                                                       TITLE OF INVENTION: Oligonucleotides Having FILE REFERENCE: ISIS4789
CURRENT APPLICATION UNMERR: US/09/970,971A
CÜRRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26
LENGTH: 19
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Best Local Similarity 94.7%;
Matches 18; Conservative
    Query Match
Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M.
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NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 3'-O-MOE
                                                                                                  NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-modified
                                                                                                                                                   FEATURE:
OTHER INFORMATION: No. US20030096979A1el Sequence
FEATURE:
                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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vo. US20030096979A1
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      Conservative
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    0.3%; Score 19; DB
100.0%; Pred. No. 2.0
tive 0; Mismatches
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Pred. No. 2
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                        DB 1; L
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US-10-208-357-25/c
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US-10-123-597-1
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SEQ ID NO 25
LENGTH: 19
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Publication No. US20020182687A1
GENERAL INFORMATION:
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Query Match 0.3%; Score 19; DB 1; L
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative · 0; Mismatches 0;
                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 19
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CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
                                                                                                                                                                                                                                                                                                                                            APPLICANT: Prakash, Thazha P
APPLICANT: Frascr, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR PLING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
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APPLICANT: Lohse, Pete
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APPLICANT: Kawasaki, Andre
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc feature LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                           TYPE: DNA
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Manoharan, Muthiah
Prakash, Thazha P
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100.0%; Pred. No. 2.6e+02
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (15)...(18)
LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
US-10-123-597-2
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US-10-123-597-3
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APPLICANT: Prakash, Thazha P
FITLE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
US-10-123-597-3
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Best Local Similarity 100.
---- 19; Conservative
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APPLICANT: Prakash, Thazha P
APPLICANT: Praker, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISISSO40
CURRENT PELICATION NUMBER: US/10/123,597
CURRENT PILING DATE: 2002-07-10
CURRENT FILING DATE: 2002-07-10
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APPLICANT: Kawasaki, Andre
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PRIOR FILING DATE: 1999-01-08
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APPLICANT: Kawasaki, Andre
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                           LENGTH: 19
TYPE: DNA
                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc feature LOCATION: (15). [18)
OTHER INFORMATION: 2'-methoxyethoxy
                                                                                                            ORGANISM: Artificial Sequence FEATURE:
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100.0%; Pred. No.
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RESULT 464
US-10-123-597-5
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                                                                                                                                                                                                          APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Iraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of
FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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Best Local Similarity
Matches 19; Consert
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Publication No. US20030078415A1
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Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0;
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
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Publication No. US20030078415A1
                                                                                                                                              NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
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APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muth
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APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muth
APPLICANT: Prakash, Thazha
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (16)...(19).
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                            ENGTH: 19
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Prakash, Thazha P
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100.0%; Pred. No. 2.6e+(
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FILE REFERENCE: ISIS5040

CURRENT APPLICATION NUMBER: US/10/123,597

CURRENT FILING DATE: 2002-07-10

PRIOR APPLICATION NUMBER: 09/227,782

PRIOR FILING DATE: 1999-01-08

NUMBER OF SEQ ID NOS: 28

SOFTWARE: PATENTIN Version 3.1

SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DRGANIEM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16) . (19)
OTHER INFORMATION: 5-methyl-2'-0-propyl
US-10-123-597-6
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US-10-123-597-6
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                                                                      CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 199-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Kawasaki, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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Matches 19; Conserv
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Best Local (
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                              APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                           LENGTH: 19
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[00.0%; Pred. No.
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Pred. No.
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. 2.6e+02;
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APPLICANT: Prakash, Thazha P
APPLICANT: Praker, Allister S
FITILE OF INVENTION: Regioselective Synthesis of
FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOPTWARE: Patentin version 3.1
SEQ ID NO 8
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US-10-123-597-8
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US-10-123-597-12
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Publication No. US20030078415A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
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Publication No. US20030078415A1
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SOFTWARE: PatentIn version 3.1 SEQ ID NO 12 LENGTH: 19
                                                                                                          APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Prakash, Thasha P
APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
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APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muti
                                                                         PRIOR APPLICATION NUMBER: 09/227,782 PRIOR FILING DATE: 1999-01-08
                                                         NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
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Manoharan, Muthiah
Prakash, Thazha P
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llarity 100.0%; Pred. No. 2.6e+02
Conservative 0; Mismatches 0
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100.0%; Pred. No.
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GENERAL INFORMATION:

APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
APPLICANT: Fraser, Allister S
FILE REFERENCE: 1515040

CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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TYPE: DNA
ORGANISM: Artificial Sequence
PRATURE:
PRATURE:
OTHER INFORMATION: Description of Artificial Sequence
NAME/KEY: misc feature
LOCATION: (16) ... (19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-14
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Best Local S
Matches 19
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APPLICANT: Kawasaki, Andrr
APPLICANT: Manoharan, Mutl
APPLICANT: Prakash, Thazha
APPLICANT: Praser, Allisto
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Publication No.
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PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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CURRENT FILING DATE: 2002-07-10
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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19, Conserv
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                                                                                                                             of 2'-O-Modified Nucleosides
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US-10-100-321-24/c
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APPLICANT: Cook, Phi
APPLICANT: Kawasaki
APPLICANT: Manohara
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SEQ ID NO 25
LENGTH: 19
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SEQ ID NO 15
LENGTH: 19
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Publication No. US20030087251A1
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Best Local Similarity
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                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: KUIN, NUITH THE APPLICANT: KUIN, NUITH APPLICANT: KUIN, NUITHONS AND COMPOSITIONS FOR TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES FILE REFERENCE: 492692000500
CURRENT APPLICATION NUMBER: US/10/100,321
CURRENT FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/274,550
PRIOR APPLICATION NUMBER: US 60/274,550
PRIOR APPLICATION OF SEQ ID NOS: 24
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILLING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc feature LOCATION: (15)...(18)
OTHER INFORMATION: 2'-methyleneiminooxyethoxy
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OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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100.0%; Pred. No. 2.6e+02;
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; Pred. No.
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; FEATURE:
; OTHER INFORMATION: Primer
US-10-100-321-24
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; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
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Publication No. US20030088088A1
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Matches 19; Conserv
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PRIOR APPLICATION NUMBER: US/09/288,679
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: 60/118,564
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Cole, Douglas
APPLICANT: Cole, Douglas
APPLICANT: Guzaev, Andrei
TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
TITLE OF INVENTION: Compounds
FILE REFERENCE: ISIS3380
CURRENT APPLICATION NUMBER: US/10/232,881
CURRENT FILING DATE: 2002-08-30
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods FILE REFERENCE: Isis-4406 CURRENT APPLICATION UNMERE: US/10/247,893 CURRENT FILING DATE: 2002-09-20 PRIOR APPLICATION NUMBER: US/09/612,531 PRIOR APPLICATION NUMBER: US/09/612,531 PRIOR APPLICATION NUMBER: 09/349,040
                                                                                                                                       APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ravikumar, Vasulinga
APPLICANT: Manoharan, Muthia
APPLICANT: Capaldi, Daniel
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19; Conserva
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Krotz, Achim
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100.0%; Pred. No. 2.0
1ve 0; Mismatches
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2.6e+02
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                                   US-10-247-893-13
Sequence 13, Application US/10247893
Dublication US20030092046A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
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NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US/09/612,531
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 1818-4406
CURRENT APPLICATION NUMBER: US/10/247,893
CURRENT FILING DATE: 2002-09-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: T*=2'-0-[2-(guanidinium)ethyl]
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LOCATION: (19)..(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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OTHER INFORMATION: Oligonucleotide
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ORGANISM: Artificial Sequence
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19; Conservative
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                Cook, Philip Dan
Prakash, Thazha P.
Mohan, Venkatraman
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100.0%; Pred. No. 2.6e+02;
Live 0; Mismatches 0;
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; NAME/KEY: misc_feature
; LOCATION: (19)...(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-13
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US-10-098-816-15
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US-10-098-816-15
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Best Local Similarity
Matches 19; Conserv
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PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
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CURRENT APPLICATION NUMBER: US/10/247,893
CURRENT FILING DATE: 2002-09-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Mancharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonuclectides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:

NAME/KEY: misc feature

LOCATION: (17)...(17)

OTHER INFORMATION: T*=2'-0-[2-(guanidinium)ethyl)

FEATURE:
                                                                                                                                                                                                                                                                                                                LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                          FEATURE: misc_feature
LOCATION: (16)...(17)
OTHER INFORMATION: 3' -
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NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
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                  LOCATION: (18) . (19
OTHER INFORMATION:
                                                                                             LOCATION: (17)...(18)
OTHER INFORMATION: 3' -
                                       NAME/KEY: misc_feature
LOCATION: (18)..(19)
                                                                                                                                  NAME/KEY: misc_feature
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100.0%; Pred. No.
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                    O-MOE linkage
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Query Match

Score 19;

DB 1;

Length 19;

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OTHER INFORMATION: 2' - O-MOE linkage US-10-098-816-16
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                         SOPTWARE: PatentIn version 3.0 SEQ ID NO 17 LENGTH: 19
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
                                                                                                                 FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
CURRENT FILING NATE: US/09/303,586
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Manoharan, Muthiah APPLICANT: Mohan, Venkatraman
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APPLICANT: Mohan, Venkatzaman
TITLE OF INVENTION: Oligonucleotides Having A
TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry
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LOCATION: (17)..(18)
OTHER INFORMATION: 2' -
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Pred. No. 2.6e+02;
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US-10-098-816-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 18, Application US/10098816
Publication No. US20030105311A1
GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonuclectides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 18
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Best Local Similarity
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CURRENT FILING DATE: 2002-04-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US/09/303,586 PRIOR FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: ISIS3310
                                                                                       NAME/KEY: misc_feature LOCATION: (17)...(18) OTHER INFORMATION: 2' -
                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (15)..(16)
OTHER INFORMATION: sub O linkage
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc feature
OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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LOCATION: (18)..(19)
OTHER INFORMATION: 3' -
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LOCATION: (16)..(17)
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OTHER INFORMATION: 3' -
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LOCATION: (17)..(18)
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OTHER INFORMATION: 3' -
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LOCATION: (16)..(17)
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NAME/KEY: misc_feature
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100.0%; Pred. No. 2.0
ive 0; Mismatches
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                                                                                             O-MOE; sub O linkage
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o. 2.6e+02;
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FILE REFERENCE: ISIS3310

CURRENT APPLICATION NUMBER: US/10/098,816

CURRENT FILING DATE: 2002-04-19

PRIOR APPLICATION NUMBER: US/09/303,586

PRIOR FILING DATE: 1999-05-03

NUMBER OF SEQ ID NOS: 34

SOPTWARE: Patentin version 3.0

SEQ ID NO 26
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; LOCATION: (19)...(19)
; OTHER INFORMATION: 2'-modified T linkage
US-10-098-816-26
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                                                                                           RESULT 482
US-10-322-242-1
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US-10-098-816-26
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Publication No. US20030105311A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%; sest Local Similarity 94.7%; Matches 18; Conservation
Sequence 1, Application US/10322242
Publication No. US20030139586A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip Dan
APPLICANT: Manoharan, Muthiah
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LOCATION: (19)..(19)
OTHER INFORMATION: 2' - O-MOE
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LOCATION: (16)..(17)
OTHER INFORMATION: 2'-modified T linkage
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OTHER INFORMATION: Oligonucleotide
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: 2'-modified
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NAME/KEY: misc_feature
LOCATION: (17)...(18)
OTHER INFORMATION: 2'-modified T linkage
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es 19; Conservative (
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L00.0%; Pred. No. 2.6e+02;
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Pred. No. 2.6e+02;
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US-10-170-172-16

GENERAL INFORMATION

APPLICANT: SOSNOWSKI, RONALD APPLICANT: BUTLER, WILLIAM I APPLICANT: TU, EUGENE

...UNALD G WILLIAM F ENE

APPLICANT:

APPLICANT:

NERENBERG, MICHAEL I HELLER, MICHAEL J EDMAN, CARL F

Sequence 16, Application US/10170172 Publication No. US20030190632A1

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FILE REFERENCE: ISIS-3312
CURRENT APPLICATION NUMBER: US/10/322,242
CURRENT FILING DATE: 2002-12-18
PRIOR APPLICATION NUMBER: US/99/349,033
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 12
SOPTWARE: Patentin version 3.1
SEQ ID NO 1
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; TYPE: DNA
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; PEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-322-242-1
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RESULT 484
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APPLICANT: WIJ MING
APPLICANT: WIJ MING
APPLICANT: ULLMAN, EDWIN F.
APPLICANT: ULLMAN, EDWIN F.
APPLICANT: ULLMAN, EDWIN F.
CURRENT FINVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-05-08
PRIOR FILING DATE: 2002-05-08
PRIOR FILING DATE: 2002-15-08
                                                                                                                                             Query Match
Best Local S
Matches 19
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SEQ ID NO 14
LENGTH: 19
TYPE: DNA
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TITLE OF. INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers
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                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
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100.0%; Pred. No. 2.6e+02
tive 0; Mismatches 0
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100.0%; Pred. No. 2.6e+(
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Sequence 325, Application US/10205309
Publication No. US20030190635A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Int
TITLE OF INVENTION: Interfering RNA
FILE REFERENCE: 900/033
CURRENT APPLICATION NUMBER: US/10/205,309
CURRENT FILING DATE: 2002-10-25
NUMBER OF SEQ ID NOS: 674
SOFTWARE: PatentIn version 3.0
SEQ ID NO 325
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US-10-205-309-325/c
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Publication No. US20030190635A1
GENERAL INFORMATION:
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SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 16
LENGTH: 19
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TITLE OF INVENTION: Interfering RNA
FILE REFERENCE: 900/033
CURRENT APPLICATION NUMBER: US/10/205,309
CURRENT FILING DATE: 2002-10-25
NUMBER OF SEQ ID NOS: 674
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194

CURRENT APPLICATION NUMBER: US/10/170,172

CURRENT FILING DATE: 1020-06-11

PRIOR APPLICATION NUMBER: US/08/986,065

PRIOR FILING DATE: 1997-12-05
                                                                                                  APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Medi
TITLE OF INVENTION: Interfering RNA
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Local Similarity 100.0%; Pred. No. 2.6e+0
nes 19; Conservative 0; Mismatches
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100.0%; Pred. No. 2.6e+02;
live 0; Mismatches 0;
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Publication No. US20040009938A1
GENERAL INFORMATION:
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Publication No. US20030215891A1
GENERAL INFORMATION:
APPLICANT: Bickel, et al.
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SEQ ID NO 33
LENGTH: 19
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SOPTWARE: PatentIn version 3.2
SEQ ID NO 5
LENGTH: 19
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Matches 1; Conserv
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                                                                             APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-5140
CURRENT APPLICATION NUMBER: US/10/359,328
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR PELING DATE: 1999-08-06
PRIOR PELING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR PELING DATE: 1998-08-07
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CURRENT FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: PCT/EP01/07575
PRIOR FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: DE 100 33 334.6
PRIOR FILING DATE: 2000-07-01
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NUMBER OF SEQ ID NOS: 34
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                                                                NUMBER OF SEQ ID NOS: 32
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ilarity 5.3%;
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Live 0; Mismatcl
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Pred. No. 2.6e+02;
18; Mismatches 0;
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GENERAL INFORMATION:
APPLICANT: Xu, Dongmei
TITLE OF INVENTION: Cloning of Cytochrome P450 Genes fro
TITLE OF INVENTION: Nicotiana
FILE REFERENCE: 78623
CURRENT APPLICATION NUMBER: US/10/387,346B
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: 10/293,252
PRIOR APPLICATION NUMBER: 10/293,252
PRIOR APPLICATION NUMBER: 10/340,861
PRIOR PILING DATE: 2003-01-10
PRIOR FILING DATE: 2003-01-10
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; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-10-359-328-5
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; Sequence 154, Application US/10387346B
; Publication No. US20040117869A1
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Best Local Similarity
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CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR PILING DATE: 1998-08-07
NUMBER OF THE PRIOR FILING DATE: 1998-08-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES FILE REFERENCE: ISIS-5140
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NAME/KEY: misc_feature
LOCATION: (16)..(19)
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APPLICATION NUMBER: 60/363,684
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19; Conserv
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ilarity 100.0%; Pred. No. 2.6e+02;
Conservative 0; Mismatch
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100.0%; Pred. No.
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. 2.6e+02;
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US-09-005-243-32
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Best Local Similarity 100.0%; P
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PRIOR APPLICATION NUMBER: 60/347,444
PRIOR FILING DATE: 2002-01-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Zsebo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
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                                                                   APPLICATION NUMBER: 07/537
FILING DATE: 11-7UN-1990
PRIOR APPLICATION DATA:
APPLICATION UMBER: 07/422
APPLICATION UMBER: 07/422
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Nicotiana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                               PILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
PROF.TCATION NUMBER: 07/537,198
                                                                                                                                                                                                                                                                                                                                                                                                         PILING DATE: 01-OCT-1990 PRIOR APPLICATION DATA: 07/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
PILING DATE: 24-MAY-
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: CLASSIFICATION:
    NAME: Clough, David W
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 07/9 FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 07/589,701
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Zsebo, Krisztina M.
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                                                                                                                                                                07/422,383
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36,107
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ches 0; Indels
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US-09-224-683-32
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Best Local Similarity 100.0%;
Matches 19; Conservative
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                 CUMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/224,683
PILING DATE:
CIASCIPTATO
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                             FILING DATE: 11-JUN-
PRIOR APPLICATION DATA:
                                                                                           PRIOR APPLICATION DATA:
                                                                                                            FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
                                                                                                                                                                        APPLICATION NUMBER: 07/98
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/58
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PRIOR APPLICATION DATA:
07/982,255
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APPLICATION NUMBER: 08/4
FILING DATE: 24-MAY-1995
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PRIOR APPLICATION NUMBER: 09/005,893
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MEDIUM TYPE: Floppy disk
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APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor: Composition Claims
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                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 09/0 FILING DATE: 12-JAN-1998
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STRANDEDNESS: single
                              APPLICATION NUMBER:
                                                                               APPLICATION NUMBER: 07/537,198
                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
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60606-6402
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                                                              11-JUN-1990
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                                07/422,383
                                                                                                                                                                             07/589,701
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Pred. No.
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Sequence 3, Application US/09916369A
Publication No. US20020058802A1
GENERAL INFORMATION:
APPLICANT: Dellinger Douglas J
APPLICANT: Perbost, Michael GM
APPLICANT: Betley, Jason R
APPLICANT: Betley, Jason R
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US-10-671-395-654
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Sequence 654, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 20
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity Matches 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotectio TITLE OF INVENTION: Chemistry FILE REFERENCE: 10003869-1 CURRENT APPLICATION NUMBER: US/09/916,369A CURRENT FILING DATE: 2001-07-21 PRIOR APPLICATION NUMBER: US 09/627,249 PRIOR APPLICATION NUMBER: US 09/627,249 PRIOR FILING DATE: 2000-07-28
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REFERENCE/DOCKET NUMBER: 0.101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEPAX: 312/474-0448
TELEX: 25-3856
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: synthetic sequence
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TOPOLOGY: 1i
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TYPE: nucleic acid
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100.0%; Pred. No. 2.8e+02
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100.0%; Pred. No. 2.8e+02;
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; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-654
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US-10-175-608-32
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SOFTWARE: PatentIn version
SEQ ID NO 654
LENGTH: 20
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Best Local Similarity 100.0%;
Matches 19; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Ver

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/175,608

FILING DATE: 16-Oct-2002

CLASSIFICATION: CUnknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
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Bosselman, Robert A.
Suggs, Sidney V.
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEPAX: 312/474-0448
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                                                                                                                  PILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
PILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TITTTTTTTTTTTTTTTG 19
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STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Marshall, O'Toc
STREET: 6300 Sears Tower,
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
                                                                                                                                                                                              FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: United States of America
                                                                                                                                                                                                                                        FILING DATE: 10-OCT-1991
APPLICATION NUMBER: 07/573,616
                                                                                                                                                                                                                                                                             FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/589,701
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/172,329
                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 07/684,535
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                                                                                                                                                                                                                                                                                                                                               ILING DATE: 25-NOV-1992
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; Pred. No. 2.8
0; Mismatches
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US-10-182-434-1
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US-10-479-510-11/c
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                                                                                                                                                                                                                    GENERAL INFORMATION:

APPLICANT: TANGA, Michifumi

APPLICANT: OKAMURA, Hiroshi

APPLICANT: TAKAGI, Kenichi

APPLICANT: TAKAGI, Kenichi

APPLICANT: TAKAHASHI, Kojiro

TITLE OF INVENTION: SUPPORT FOR FIXING NUCLEOTIDE AND PROCESS FOR PRODUCING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
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Matches 19; Conservative
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Publication No. US20030190633A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity Matches 19; Conserv
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                                                           SOFTWARE: PatentIn version 3.1 SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/479,510
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US 60/297,773
PRIOR FILING DATE: 2001-06-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: A method for measuring DNA polymerization and TITLE OF INVENTION: applications of the method. FILE REFERENCE: 110063501
                                                                                                                                                       FILE REFERENCE: TANGAS
CURRENT APPLICATION NUMBER: US/10/182,434
CURRENT FILING DATE: 2002-07-29
                                                                                                PRIOR APPLICATION NUMBER: JP 2000-019301 PRIOR FILING DATE: 2000-01-27 NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 21
TYPE: DNA
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial
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100.0%; Pred. No. 2.8e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 3e
tive 0; Mismatches
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PRIOR APPLICATION NUMBER: 60/215,727
PRIOR FILING DATE: 2000-06-21
PRIOR APPLICATION NUMBER: 60/243,976
PRIOR FILING DATE: 2000-10-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
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; LICATION: (1) ... (25)
; OTHER INFORMATION: n = A,T,C or
US-10-297-277-4
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                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 499
US-10-336-638-464/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 498
US-10-297-277-4
                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Ar
APPLICANT: Halushka, Marc
APPLICANT: Case Western Re
APPLICANT: Affymetrix, Inc
                                                                                                                                                                                                                                                                                                                                                                                 Sequence 464, Application US/10336638 Publication No. US20030170699A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/10297277 Publication No. US20030215828A1
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local (
                                                                                APPLICANT: Case Western Reserve University School of Medicine APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
FULE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/09/304,232
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR PILING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: HITACHI.046VPC
CURRENT APPLICATION NUMBER: US/10/297,277
CURRENT FILING DATE: 2002-12-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Matsunaga, Hiroko
APPLICANT: Kawamura, Masafuni
TITLE OF INVENTION: GENE MARKERS FOR LUNG CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mitsuhashi, Masato
APPLICANT: Kambara, Hideki
APPLICANT: Matsunaga, Hiroko
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Halushka, Marc Kenneth
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Pred. No. 3.8e+02;
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Pred. No. 3.6e+02;
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                                                                     60/084,641
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RESULT 500
US-09-927-777A-72
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LENGTH: 29
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR PRICING DATE: 2001-01-12
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
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Best Local Similarity
                                                                                                                          SEQ ID NO 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
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APPLICANT: Li, Zhi
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-653-A
                                                                                                                                                SOFTWARE: Microsoft Word
                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/255,235
PRIOR FILING DATE: 2000-12-11
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PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2000-12-08
                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/224,631
                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
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                                                                              LENGTH: 35
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: GGREX1 125
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/176,409
FILING DATE: 2000-01-13
APPLICATION NUMBER: 60/192,699
FILING DATE: 2000-03-28
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US2002017295381
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Taton, Thomas A.
Taton, Thomas A.
Tarimella, Viswanadham
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Pred. No.
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GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A

APPLICANT: Mirkin, Chad A

APPLICANT: Jin, Rongchao

TITLE OF INVENTION: NO. US20040038255A1-allo

FILE REFERENCE: 01-661-B

CURRENT FILING DATE: 2003-03-26

PRIOR APPLICATION NUMBER: US 10/034,451

PRIOR PILING DATE: 2001-12-28

PRIOR PILING DATE: 2001-12-28

PRIOR PPLICATION NUMBER: US 60/293,861

PRIOR PILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-397-579-2
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US-10-008-978-72
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LENGTH: 35
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Best Local Similarity
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Best Local Similarity 71.4%;
Matches 25; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 72, Application US/10008978 Publication No. US20030087242A1
                                         APPLICANT: LU, Gang
APPLICANT: LU, Gang
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1272-C
CURRENT APPLICATION NUMBER: US/10/008,978
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR PILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR PILING DATE: 2001-09-10
PRIOR PILING DATE: 2001-09-10
PRIOR PILING DATE: 2001-09-10
PRIOR PILING DATE: 2001-09-10
                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3278 AAGAAGAAAATGAAACCAGACCCAGATCAATATT 3312
APPLICATION NUMBER: 09/603,830
                APPLICATION NUMBER: 09/760,500 FILING DATE: 2001-01-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION:
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Garimella, Viswanadham
                                                                                                                                                                                                                                                                                                                                                            Storhoff, James J.
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                                                                                                                                                                                                                                                           Park,
                                                                                                                                                                                                                                                                                                                                                                                   Mucic, Robert L.
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                                                                                                                                                                                                                                                           So-Jung
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Pred. No. 6.1e.
0; Mismatches
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Pred. No. 6.1e+02;
0; Mismatches 10
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US-10-008-978-72
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US-10-153-483-2
                                                                                                                       FILE REFERENCE: 01-661-C
CURRENT APPLICATION NUMBER: US/10/153,483
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: PCT/US01/50825
PRIOR FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: 10/034,451
PRIOR APPLICATION NUMBER: 60/293,861
PRIOR APPLICATION NUMBER: 60/293,861
PRIOR APPLICATION NUMBER: 60/293,861
PRIOR APPLICATION NUMBER: 60/293,861
PRIOR FILING DATE: 2001-05-25
                   SEQ ID NO 2
LENGTH: 35
TYPE: DNA
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LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Mirkin,
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                APPLICANT: Cao, Yun Wei
APPLICANT: Jin, Rongchao
TITLE OF INVENTION: NON-ALLOYING CORE SHELL NANOPARTICLES
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                                                                                 NUMBER OF SEQ ID NOS: 3
SOFTWARE: Microsoft Word 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Microsoft Word 2000
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: 60/255,235
FILING DATE: 2000-12-11
APPLICATION NUMBER: 60/255,236
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APPLICATION NUMBER: 09/344,667
FILING DATE: 1999-06-25
APPLICATION NUMBER: 09/240,755
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FILING DATE: 2000-03-28
APPLICATION NUMBER: 60/200,161
FILING DATE: 2000-04-26
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APPLICATION NUMBER: 60/176,409
FILING DATE: 2000-01-13
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APPLICATION NUMBER: PCT/US97/12783
FILING DATE: 1997-07-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 AAAAAAAAAAAAAAAAATCCTTATCAATATT 35
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Pred. No. 6.1e+02;
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RESULT 505
US-10-266-983-77
; Sequence 77, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-10-153-483-2
                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-72
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US-10-266-983-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/266,983
CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILLING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILLING DATE: 2001-03-28
PRIOR FILLING DATE: 2001-03-28
PRIOR PRILING DATE: 2001-01-12
PRIOR FILLING DATE: 2001-01-12
PRIOR FILLING DATE: 2001-06-26
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILLING DATE: 2000-06-26
                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 25; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Microsoft Word 2000
SEQ ID NO 72
LENGTH: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 72, Application US/10266983 Publication No. US20030207296A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION WMW-7-7-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew
APPLICANT: Mitkin, Charles
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/192,699 PRIOR FILING DATE: 2000-03-28
                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 09/344,667 FILING DATE: 1999-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/176,409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 1996-07-29
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                                                                                                                                                                                                        3278 AAGAAGAAAATGAAACCAGACCCAGATCAATATT 3312
                                                                                                                                                                AAAAAAAAAAAAAAAAAAATCCTTATCAATATT 35
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Pred. No. 6.1e+02;
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Pred. No. 6.1e+02;
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; LENGTH: 22 ; TYPE: DNA ; ORGANISM: Homo sapiens US-09-888-615-120

PRIOR FILING DATE: 2000-06-26
NUMBER OF SEQ ID NOS: 150
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 120

CURRENT APPLICATION NUMBER: US/09/888,615
CURRENT FILING DATE: 2001-06-26
PRICE APPLICATION NUMBER: 60/214,047

APPLICANT: PLOWMAN, GREGORY
APPLICANT: WHYTE, DAVID
APPLICANT: CAENEPEEL, SEAN
APPLICANT: CHARYDCZAK, GLEN
APPLICANT: CHARYDCZAK, GLEN
APPLICANT: MANNING, GERARD
APPLICANT: SUDARSANAM, SUCH
TITLE OF INVENTION: NOVEL PROTEASES
FILE REFERENCE: 038602/1214

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                                                                RESULT 506
US-09-888-615-120/c
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OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-10-266-983-77
Sequence 120, Application US/09888615
Patent No. US20020064856A1
GENERAL INFORMATION:
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LENGTH: 35
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CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR BPLICATION NUMBER: 09/760,500
PRIOR BPLICATION NUMBER: 09/760,500
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PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/176,409

PRIOR FILING DATE: 2000-01-13

PRIOR APPLICATION NUMBER: 60/192,699

PRIOR FILING DATE: 2000-03-28
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PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
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PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
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TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                             Local
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                                                                                                                                                                                                                                                             Similarity
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Taton, Thomas Andrew
                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                             0.3%;
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CURRENT APPLICATION NUMBER: US/09/885,441
CURRENT FILING DATE: 2001-06-21
PRIOR APPLICATION NUMBER: US 60/212,844
PRIOR PILING DATE: 2000-06-21
PRIOR PILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: US 60/279,766
PRIOR PILING DATE: 2001-03-30
PRIOR PILING DATE: 2001-03-30
PRIOR PILING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: PET/
PRIOR PILING DATE: 2001-05-30
PRIOR PILING DATE: 2001-06-20
NUMBER OF SEG ID NOS: 58
SOPTWARE: PASESEQ for Windows Version 4.0
SEG ID NO 42
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US-09-885-441-42
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; ORGANISM: Human
US-10-028-415-27
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US-10-028-415-27/c
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CURRENT FILING DATE: 2001-12-20
PRIOR APPLICATION NUMBER: PCT/NZ01/00286
PRIOR PILING DATE: 2001-11-28
PRIOR PILING DATE: 2000-11-28
PRIOR PILING DATE: 2000-11-28
PRIOR PILING DATE: 1998-03-04
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SEQ ID NO 27
LENGTH: 22
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APPLICANT: Xiao, Yonghong
TITLE OF INVENTION: Regulation of Human Eosinophil Serine
TITLE OF INVENTION: Protease-1-Like Enzyme
FILE REFERENCE: 04974.00512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%; Score 18.8; DB 1; Best Local Similarity 90.9%; Pred. No. 3.4e+02; Matches 20; Conservative 0; Mismatches 2;
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Best Local
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Patent No. US20020146407A1
ORGANISM: Homo sapiens
-09-885-441-42
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APPLICANT: Watson, James D.
TITLE OF INVENTION: Methods for Modulating Apoptotic Cell
TITLE OP INVENTION: Death
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 11000.1004c3
                                                                 ENGTH: 24
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Similarity 90.9%;
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Pred. No. 3.4e+02;
0; Mismatches 2;
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; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-424-836-42
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                                                                                      ; OTHER INFORMATION: PCR primer US-10-309-775A-20
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CURRENT APPLICATION NUMBER: US/10/424,836
CURRENT FILING DATE: 2003-04-29
PRIOR APPLICATION NUMBER: US/09/885,441
PRIOR FILING DATE: 2001-06-21
PRIOR APPLICATION NUMBER: US 60/212,844
PRIOR FILING DATE: 2000-06-21
PRIOR APPLICATION NUMBER: US 60/244,171
PRIOR APPLICATION NUMBER: US 60/244,171
PRIOR FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: US 60/279,766
PRIOR APPLICATION NUMBER: US 60/279,766
PRIOR APPLICATION NUMBER: US 60/279,766
PRIOR PILING DATE: 2001-03-30
PRIOR FILING DATE: 2001-06-20
PRIOR FILING DATE: 2001-06-20
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Best Local. Similarity 90.9%;
Matches 20; Conservative
                                                                                                                                                                      SOPTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 24
TYPE: DNA
                                                                                                                                                                                                                                                                                                               Sequence 20, Application US/10309775A
publication No. US20040006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLECTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
CURRENT FILING DATE: 2002-12-04
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Publication No.
Query Match 0.3%;
Best Local Similarity 90.9%;
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Xiao, Yonghong
TITLE OF INVENTION: Regulation of Human Eosinophil Serine
TITLE OF INVENTION: Protease-1-Like Enzyme
                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: CA 2,388,049 PRIOR FILING DATE: 2002-05-30
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                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                               FEATURE:
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      Score 18.8; DB 1;
Pred. No. 3.9e+02;
0; Mismatches 2;
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Pred. No. 3.9e+02
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FILE REFERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOPTWARE: Patentin version 3.1
SEQ ID NO 28
LENGTH: 24
RESULT 513
US-10-096-075-12/c
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                                                                                                                                                                                                                      ; OTHER INFORMATION: Oligonucleotide primer 
US-10-198-447A-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-198-447A-22/c
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publication No. US20040006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
                                                                                                                                            Query Match 0.3%;
Best Local Similarity 90.9%;
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                            SEQ ID NO 22
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 22, Application US/10198447A Publication No. US20040018622A1
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Best Local Similarity
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APPLICANT: Bauer, Johann
TITLE OF INVENTION: SPLICEOSOME-MEDIATED RNA TRANS-SPLICING
TITLE OF INVENTION: FOR CORRECTION OF SKIN DISORDERS
FILE REFERENCE: A35306 069906.0115
CURRENT APPLICATION NUMBER: US/10/198,447A
CURRENT FILING DATE: 2002-07-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mitchell, Lloyd G. APPLICANT: Puttaraju, Madaia APPLICANT: Dallinger, Guente
                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                            7415
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Dallinger, Guenter
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Pred. No. 3.9e+02;
0; Mismatches 2
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Pred. No. 3
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US-10-418-182-138/c

Sequence 138, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
PILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182

RESULT 515

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Artificial Sequence; FEATURE:
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer US-10-096-075-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-764-418-12/c
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 12, Application US/10764418

Publication No. US20040176586A1

GENERAL INFORMATION:
APPLICANT: STAVRIANOPOULOS, JANNIS G.
APPLICANT: RABBANI, ELAZAR
TITLE OF INVENTION: LABELING REAGENTS AND LABELED TARGETS, TA
TITLE OF INVENTION: PROCESSES AND OTHER PROCESSES FOR USING
TITLE OF INVENTION: ACID DETERMINATIONS AND ANALYSES
ETIT PROPERTY.
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                                                                                                                                                                                        SEQ ID NO 12
LENGTH: 26
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/096,075
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PACENTIN Ver. 2.1
SEQ ID NO 12
LENGTH: 26
TYPE: RNA
                                                                           Matches
                                                                                             Query Match
Best Local Similarity
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Best Local Similarity
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TITLE OF INVENTION: LABELING REAGENTS AND LABELED TARGETS, TA
TITLE OF INVENTION: PROCESSES AND OTHER PROCESSES FOR USING
TITLE OF INVENTION: ACID DETERMINATIONS AND ANALYSES
FILE REFERENCE: ENZ-61
                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/764,418
CURRENT FILING DATE: 2004-01-23
PRIOR APPLICATION NUMBER: US/10/096,075
PRIOR FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: STAVRIANOPOULOS, JANNIS G. APPLICANT: RABBANI, ELAZAR
                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: ENZ-61
                      4460 GGACTTTTTTTTTTTTTTTT 4481
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22 GGGGTTTTTTTTTTTTTTTTT
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                                                                                             Score 18.8; DB 1
Pred. No. 4.4e+02
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Pred. No. 4
                                                                               Mismatches
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                                                                                                                   DB 1;
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                                                                                                               Length 26
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NG SAME IN NUCLEIC
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US-09-263-959-420
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 138
                                                                    Matches
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Patent No. US20020150891A1
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Best Local Similarity
                                                                                 Query Match
Best Local Similarity
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Version #1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
                                                                                                                                                                                                                                        TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 27
                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKST NUMBER: 920010.426C2
                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PPLICANT: Rowen, Lee
PPLICANT: Koop, Ben F.
ITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 6300 CCITY: Seattle
                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                       TOPOLOGY:
                                4464
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TTTTTGTTTTTTTTTTTTGT
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                                                                    Conservative
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                                                                                 0.3%;
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                                  TTGT 4485
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Pred. No. 4.6e+02;
                                                                                  Score 18.8; DB 1;
Pred. No. 4.9e+02;
                                                                    Mismatches
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RESULT 517

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SOFTWARE: PatentIn version 3.1
SEQ ID NO 74
LENGTH: 28
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
                                                                                           Sequence 5, Application US/09563728A
Publication No. US20030078216A1
GENERAL INFORMATION:
APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoumei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 74, Application US/10309775A
Publication No. US20040006032A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 16
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Hayashizaki, Yoshihide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 16, Application US/10398483 Publication No. US20040166499A1
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Best Local
                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local
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APPLICANT: Besterman, Jeffrey M
TITLE OF INVENTION: Inhibition of Histone Deaceylase
FILE REFERENCE: 106101.25
CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Oligonuclectide linkers
TITLE OF INVENTION: for the preparation of
FILE REFERENCE: 2870-0247P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/398,483
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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20; Conserv
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milarity 90.9%;
Conservative
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Pred. No. 4.9e+02;
0; Mismatches 2
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                                                                                                                                                                                                                                                                                                                                             Score 18.6; DB 1;
Pred. No. 4.5e+02;
D; Mismatches 4;
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US-09-563-728A-14
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; OTHER INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: oligonucleotide
US-09-563-728A-5
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                                                                                                                                                                                                                                                                                  US-10-145-493B-55
                                                                                                                                                                                                                                                                                                          RESULT 521
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                                                                                                                            Sequence 55, Application US/10145493B

Publication No. US20030096777A1

GENERAL INFORMATION:

APPLICANT: Besterman, Jeffrey

APPLICANT: MacLeod, Robert

APPLICANT: Siders, William

TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoumei
APPLICANT: Besterman, Jeffrey M
TITLE OF INVENTION: Inhibition of Histone Deaceylase
FILE REFERENCE: 106101.229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 14, Application US/09563728A Publication No. US20030078216A1
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FILE REFERENCE: MET-015DV
CURRENT APPLICATION NUMBER: US/10/145,493B
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 09/420,692
PRIOR FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: US 60/104,804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PEATURE: FEATURE: NAME/KS: modified base NAME/KS: modified base LOCATION: 1-4 and \overline{2}3-26 are modified OTHER INFORMATION: Positions 1-4 and 23-26 are 2'-methoxyribose OTHER INFORMATION: substituted nucleotides; positions 5-22 are OTHER INFORMATION: deoxyribonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Local Similarity 84.0%;
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Pred. No. 4.7e+02;
2; Mismatches 4
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Pred. No. 4.7e+02;
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Sequence 3, Application US/09735363A

Patent No. US20010041681A1

GENERAL INFORMATION:
APPLICANT: Filion, Mario
APPLICANT: Philip, Nigel
TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
FILE REFERENCE: 02811-0181

CURRENT APPLICATION NUMBER: US/09/735,363A

CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 60/170,325
PRIOR APPLICATION NUMBER: 60/170,325
PRIOR FILING DATE: 1999-12-13
PRIOR FILING DATE: 2000-08-29
PRIOR FILING DATE: 2000-08-29
PRIOR FILING DATE: 2000-08-29
SOFTWARE: PatentIn version 3.0
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; OTHER INFORMATION: primer
US-10-145-493B-55
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NUMBER OF SEQ ID NOS: 90
SOFTWARE: PatentIn version 3.0
SEC ID NO 55
LENGTH: 26
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Best Local S
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APPLICANT: MacLeod, Robert
APPLICANT: Siders, William
TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
FILE REFERENCE: MET-015DV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/145,493B
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 09/420,692
PRIOR FILING DATE: 1998-10-19
PRIOR APPLICATION NUMBER: US 60/104,804
PRIOR FILING DATE: 1998-10-19
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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al Similarity 76.0%;
19; Conservation
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Similarity 84.0%;
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Pred. No. 4.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 18.6; DB 1;
Pred. No. 4.7e+02;
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US-09-735-363A-68
; Sequence 68, Application US/
; Patent NO. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Filion, Mario
; APPLICANT: Phillip, Nigel
                               Sequence 78, Application US/10085906

Publication No. US20030054371A1

GENERAL INFORMATION:

APPLICANT: Ying, Vincent

APPLICANT: Win, Paul

APPLICANT: Win, Paul

APPLICANT: Gray, Gary S.

TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE

TILLE OF INVENTION NUMBER: US/10/085,906

CURRENT FILLING DATE: 2002-02-27

PRIOR APPLICATION NUMBER: US 60/126,215

PRIOR APPLICATION NUMBER: US 99/534,061

PRIOR PILING DATE: 2000-03-24

PRIOR PILING DATE: 2000-03-24

PRIOR FILLING DATE: 2000-03-24

NUMBER OF SEO IN MONSER: PCT/US00/07938

PRIOR FILLING DATE: 2000-03-24

NUMBER OF SEO IN MONSER: PCT/US00/07938
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Best Local Similarity 84.0%;
Matches 21; Conservative
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LENGTH: 27
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NUMBER OF SEQ ID NOS: 87
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/735,363A CURRENT FILING DATE: 2000-12-12 PRIOR APPLICATION NUMBER: 60/170,325 PRIOR FILING DATE: 1999-12-13 PRIOR APPLICATION NUMBER: 60/228,925 PRIOR APPLICATION NUMBER: 60/228,925
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TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
FILE REFERENCE: 02811-0181
                          NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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FastSEQ
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for Windows Version 4.0
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Pred. No. 5e+02;
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; ORGANISM: Homo sapiens
US-10-085-906-78
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GENERAL INFORMATION:
APPLICANT: Zsebo,
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Best Local Similarity
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                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bosselman, Robert APPLICANT: Suggs, Sidney V. APPLICANT: Martin, Francis H.
                                                                                                                       REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/56
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/9
FILING DATE: 25-NOV-1992
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PRIOR APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release
                                                                                                                                                                        NAME: Clough, David W. REGISTRATION NUMBER: 36,107
                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: 24-AUG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2
CLASSIFICATION:
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CITY: Chicago
                                                                                                     TELEPHONE: 312/474-63
TELEPAX: 312/474-0448
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LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single
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24-AUG-1990
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Pred. No. 5e+02;
                                                                                                                                                            01017/34465
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Matches
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                                         TELEX: 25-3030
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Zsebo
APPLICANT: Bosse
                                                                                                                                                                                                                                                              APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/3
TELECOMMUNICATION INFORMATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,243
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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CITY: Chicago
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Timited
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CORRESPONDENCE ADDRESS:
ADDRESSE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
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APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
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APPLICATION NUMBER: 07/5:
FILING DATE: 11-JUN-1990
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APPLICATION NUMBER: 07/91
FILING DATE: 25 NOV-1992
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APPLICATION NUMBER: 08/4.
FILING DATE: 24-MAY-1995
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                                                                                                                                        TELEFAX: 25-3856
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nes 19; Conserv
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FILING DATE: 24-AUG-1990
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STRANDEDNESS:
                                                                                                                                                                                                                                      TELEPHONE:
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                                      nucleic acid
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Suggs, Sidney V.
Martin, Francis H.
                                                                                                                                                                                                      312/474-0448
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single
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                                                                                                                                        34:
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Pred. No. 3.5e+02;
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Patent No. US20020031491A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin
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US-09-224-683-33
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IELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base
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Best Local Similarity
Matches 19; Conser
                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                          PRICE DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589
PRICE DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4
FILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                    FILING DATE: 24-AUG-
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 11-JUN-
                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA: 07/982,255
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APPLICATION NUMBER: 09/005,893
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1
CLASSIFICATION:
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                                                                     TELEPHONE: 312/474-0448
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COUNTRY: United States of America
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CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
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6300 Sears Tower, 233 South Wacker Drive
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                                                                                                           312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12-JAN-1998
                                                                                                                                                                                                                                                                        11-JUN-1990
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95.0%;
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                                                                                                                                                                                                                                                                                           07/537,198
                                                                                                                                                                                                                                                                                                                                                                                                  07/589,701
                                                                                                                                                                                                                                                                                                                                               07/573,616
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Pred. No. 3.5e+02;
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STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
US-09-224-683-33
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US-09-224-683-34
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Best Local Similarity
Matches 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. US20020031491A1
GENERAL INFORMATION:
APPLICANT: Zeebo, Kris:
APPLICANT: Bosselman, I
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                     APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/5;
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/98
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
FILING DATE: 24-MAY-CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                     FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
                           REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35136
REFERENCE/DOCKET NUMBER: 01017/35136
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPLICANT: Martin, Francis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 09/0 FILING DATE: 12-JAN-1998 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/224,683 FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 07/589,701 FILING DATE: 01-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: United States of America
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Suggs, Sidney V.
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34:
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Pred. No. 3.5e+02;
0; Mismatches 1;
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South Wacker Drive
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: No. US-09-955-410-4
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US-09-955-410-4/c
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                              SOFTWARE:
SEQ ID NO 6
LENGTH: 20
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Best Local Similarity 95.0%;
Matches 19; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Nielsen, Peter Eigil
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
FILE REFERENCE: ISIS4800
CURRENT APPLICATION NUMBER: US/09/955,410
CURRENT FILING DATE: 2001-09-18
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR PILING DATE: 1993-11-22
PRIOR PILING DATE: 1996-07-24
NUMBER OF SEQ ID NOS: 43
CONTRADAD OF SEQ ID NOS: 43
                                                                                                   APPLICANT: Besterman, Jeffrey M
TITLE OF INVENTION: Inhibition of Histone Deaceylase
FILE REFERENCE: 106101.229
CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR PILING DATE: 1999-05-03
                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                    APPLICANT: MacLeod, Alan R APPLICANT: Li, Zoumei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.1
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APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter
                                                                                       NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20
TYPB: DNA
ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                         4463 CTTTTTTTTTTTTTTTT 4482
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                                                                      PatentIn Ver. 2.1
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Pred. No. 3.5e+02;
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Pred. No. 3.5e+02;
0; Mismatches 1;
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CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: oligonucleotide US-09-563-728A-6
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US-09-563-728A-15/c
                                                                            FILE REFERENCE: MET-015DV
CURRENT APPLICATION NUMBER: US/10/145,493B
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 09/420,692
PRIOR FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: US 60/104,804
PRIOR FILING DATE: 1998-10-19
PRIOR FILING DATE: 1998-10-19
NUMBER OF SEQ ID NOS: 90
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-145-493B-51/c
                                                                                                                                                                                                                                                                                                                                                     Sequence 51, Application US/10145493B Publication No. US20030096777A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 15, Application US/09563728A Publication No. US20030078216A1
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                                       SEQ ID NO 51
LENGTH: 20
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Best Local Similarity
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                                                                                                                                                                                                                                                                     APPLICANT: Besterman, Jeffrey
APPLICANT: MacLeod, Robert
APPLICANT: Siders, William
TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoumei
APPLICANT: Besterman, Jeffrey M
TITLE OF INVENTION: Inhibition of Histone Deaceylase
FILE REFERENCE: 106101.229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
NAME/KEY: modified base
LOCATION: 1-4 and T7-20 are modified
OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose
OTHER INFORMATION: substituted nucleotides; positions 5-16 are
OTHER INFORMATION: deoxyribonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
                     TYPE: DNA
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Pred. No. 3.5e+02;
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Pred. No. 3.
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APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Egholm, Michael
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
FILE REFERENCE: ISIS0540
CURRENT APPLICATION NUMBER: US/10/154,890
CURRENT FILING DATE: 2002-05-23
PRIOR APPLICATION NUMBER: US/08/108,591
PRIOR PILING DATE: 2001-08-13
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Them 19; Conserve
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S
                                                                                                            ; TYPE: DNA; Candida albicans US-10-032-585-4667
                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 535
US-10-032-585-4667/c
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                                                                                                                                                                  SEQ ID NO 4667
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.2%;
Best Local Similarity 95.0%;
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4667, Application US/10032585
Publication No. US20030180953A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 4, Application US/10154890 Publication No. US20030180734A1
                                      Matches 19;
                                                      Best Local Similarity
                                                                     Query Match
                                                                                                                                                                                                   APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Charles, Bosone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  7413 CAGCAGCAGCAGCAGCAGCA 7432
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   7407 CAACATCAGCAGCAGCAGCA 7426
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                                      Conservative
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                                                        0.2%; Score 18.4; DB 1; 95.0%; Pred. No. 3.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.2%;
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                                    0; Mismatches
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Pred. No. 3.5e+02
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Pred. No. 3.5e+02;
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                                                                         Length 20;
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APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Preier
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Doble
FILE REFERENCE: PTS-0046
CURRENT APPLICATION UMBER: US/10/315,962
CURRENT APPLICATION UMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
SEQ ID NO 46
LENGTH: 20
LENGTH: 20
                                                             US-10-671-395-558
US-10-671-395-558
; Sequence 558, Applicat
; Publication No. US200;
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-315-962-46; Sequence 46, Application US/10315962; Publication No. US20040109848A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5708
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5708, Application US/10032585 Publication No. US20030180953A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
APPLICANT: Pharmacia Corp.

APPLICANT: Gierbe, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 0.2%;
Local Similarity 95.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7409 ACATCAGCAGCAGCAGC 7428
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                                                                                  Application US/10671395
o. US20040132063A1
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                                                                                                                                                                                                                                                                                                        0.2%;
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Pred. No. 3.5e+02;
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Pred. No. 3.5e+02;
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; TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILLING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOPTWARE: Patentin version 3.2
SEQ ID NO 558
LENGTH: 20
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Sequence 33, Application US/10175608
Publication No. US20040181044A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                          RESULT 540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 87
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Loc
Matches
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Best Local 9
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APPLICANT: Colca, Jerry
TITLE COLCAIT: COLCAI, JERRE
TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455 1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
NUMBER OF SEQ ID NOS: 627
NUMBER OF SEQ ID NOS: 627
SOFTWARE: Patentin version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
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                                                                                                                    TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                        APPLICANT: Zsebo, Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              μ
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                                                        ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                      TTTTTTTTTTTTTTTTTTT 20
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
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nilarity 95.0%;
Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 18.4; DB 1;
Pred. No. 3.5e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 18.4; DB 1;
Pred. No. 3.5e+02;
0; Mismatches 1
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RESULT 541
US-10-175-608-34
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; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO:
US-10-175-608-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.2%; Score 18.4; DB 1; Best Local Similarity 95.0%; Pred. No. 3.5e+02; Matches 19; Conservative 0; Mismatches 1
                                                                                                                                                                                                                                                                                                         Sequence 34, Application US/10175608 Publication No. US20040181044A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/635,249
PILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
PILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4465
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                                                                                                                                                                  TITLE OF INVENTION: Stem Cell Factor NUMBER OF SEQUENCES: 104
                                                                                                                                              CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                   APPLICANT: Zsebo, Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TTTTTTTTTTTTTTTTAG 20
                                             ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 07/422,383 FILING DATE: 16-OCT-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/5
FILING DATE: 10-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 16-Oct-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/537,198 FILING DATE: 11-JUN-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/10/175,608
    COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 312/474-0448
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/172,329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 25-NOV-1992
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Suggs, Sidney V.
Martin, Francis H.
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Sequence 106, Application US/10418182

Publication No. US20030228302A1

GEYERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

FILE REFERENCE: 1551.2001-001

CURRENT APPLICATION NUMBER: US/10/418,182

CURRENT FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR PILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 106

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                               US-10-418-182-106
                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 542
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Best Local 9
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INFORMATION FOR SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4465 TITITITITITITITITITG 4484
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
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FILING DATE: 10-0CT-1991
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-0CT-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             n 0.2%; Score 18.4; Similarity 95.0%; Pred. No. 3. 19; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 10-APR-1991
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CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/10/175,608
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Length 20; Indels

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Gaps

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US-10-309-775A-21

Sequence 21, Application US/10309775A

Publication No. US20040006032A1

GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.

TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 2901/0M327

CURRENT APPLICATION NUMBER: US/10/309,775A

CURRENT FILING DATE: 2002-12-04

PRIOR APPLICATION NUMBER: CA 2,388,049

PRIOR FILING DATE: 2002-05-30

NUMBER OF SEO ID NOS: 74
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Best Local Similarity
Watches 19; Conserve
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/ OTHER INFORMATION: oligonucleotide
US-10-418-182-106
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US-10-735-592-13
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                                                                                                                          ; OTHER INFORMATION: PCR primer US-10-309-775A-21
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                                                           Query Match
Best Local S
Matches 19
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APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 13, Application US/10735592
Publication No. US20040171571A1
GENERAL INFORMATION:
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Best Local
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SEQ ID NO 21
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                          FEATURE:
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Local Similarity 95.0%;
nes 19; Conservative
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                            TTTTTTTTTTTTTTTTT 4483
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Pred. No. 3.
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Pred. No. 3.8e+02;
0; Mismatches 1;
                                                                         Score 18.4; DB 1;
Pred. No. 4.6e+02;
                                                           Mismatches
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.8e+02;
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SEQ ID NO 1
LENGTH: 25
TYPE: DNA
ORGANISM: human
US-10-278-874-1
RESULT 547
US-10-278-274-1/c
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US-10-278-874-1/c
                                                                                                                                                                                                                                                  US-10-164-915-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/164,915
CURRENT FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: 60/253,862
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: 60/260,249
PRIOR FILING DATE: 2001-01-01-08
PRIOR FILING DATE: 2001-02-01
PRIOR FILING DATE: 2001-02-01
PRIOR FILING DATE: 2001-02-01
PRIOR FILING DATE: 2001-02-01
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Publication No. US20030060853A1
GENERAL INFORMATION:
APPLICANT: Leprodworth, Robert E.
APPLICANT: Woodworth, Robert E.
TITLE OF INVENTION: Methods for In Situ Generation
TITLE OF INVENTION: Nucleic Acid Arrays
                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 6

SEQ ID NO 5

LENGTH: 25

TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Aritificial Sequence: Oligonucleotide structure
OTHER INFORMATION: molecular beacon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/10164915 Publication No. US20030148391A1
                                                                                                                                                             Query Match
Best Local Similarity
Matches 19; Conserva
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TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391Allinear Optic
TITLE OF INVENTION: for Detection of Interactions Involving a Conformational Change
FILE REFERENCE: 11100-035-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/278,874
CURRENT FILING DATE: 2002-10-22
                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/278,941 PRIOR FILING DATE: 2001-01-27
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19; Conservative
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95.0%;
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Pred. No: 4.8e+02;
0; Mismatches 1;
                                                                                     22
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Sequence 1, Application US/10278274 Publication No. US20040076964A1

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US-09-263-959-825/c
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Best Local Similarity
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SEQ ID NO 1
LENGTH: 25
TYPE: DNA
ORGANISM: human
                                                                 Matches
                                                                                                 Query Match
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                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: MCMABEERS, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 9200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: AGIL-048
CURRENT APPLICATION NUMBER: US/10/278,274
CURRENT FILING DATE: 2002-10-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Leproust, Eric M.
APPLICANT: Woodworth, Robert E.
TITLE OF INVENTION: Wethods for In Situ Generation
TITLE OF INVENTION: Nucleic Acid Arrays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                   TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 825:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 05-MAR-199
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                 TYPE: nucleic acid
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                 4012 AAAATGAGAAAAAAAAAA 4039
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                                                                                   Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6300 Columbia Center, 701 Fifth Avenue
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Pred. No. 4.8e+02;
                                                               0; Mismatches
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                                                                                 Score 18.4; DB 1;
Pred. No. 7e+02;
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Patent No. USZÖÖZ2053095A1
GENERAL INFORMATION:
APPLICANT: Brown, Sherri M.
APPLICANT: Heck, Gregory R.
APPLICANT: Piller, Kenneth J.
APPLICANT: Kishore, Ganesh M.
APPLICANT: Elich, Tedd D.
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; OTHER INFORMATION: Description of Artificial Sequence:Primer US-09-371-307-85
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US-09-371-307-85
                                                                                US-10-176-884-44
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Best Local Similarity
                                                                                                                                                                                                    SEQ ID NO 44
LENGTH: 19
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                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 44, App
Publication No.
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                                                                                                                                                                                                                                                                                APPLICANT: Dang, Van-Dinh
APPLICANT: The Regents of the University of California
APPLICANT: Ceres, Inc.
TITLE OF INVENTION: Compositions and Methods for Modulating Plant
TITLE OF INVENTION: Development
FILE REFERENCE: 023070-116710US
CURRENT APPLICATION NUMBER: US/10/176,884
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US 60/300,506
PRIOR PILING DATE: 2001-06-22
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CURRENT FILING DATE: 1999-08-10
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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APPLICANT: Kinoshii
APPLICANT: Yadegar:
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APPLICANT: Logusch, Sherry J.
TITLE OF INVENTION: Methods for controlling gibberellin levels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Logusch, Eugene W. APPLICANT: Rao, Sudabathula
                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.0
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                                                                                                 ORGANISM: Artificial Sequence
FEATURE:
FOTHER INFORMATION: Description of Artificial Sequence:oligo(dT)-18
OTHER INFORMATION: primer, oligo dTV
                                                                                                                                                                                     TYPE: DNA
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TYPE: DNA
ORGANISM: Artificial Sequence
  Local Similarity 94.
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Yadegari, Ramin
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Okamuro, Jack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/10176884
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0.2%; Score 18.2; DB 1; Length 19; 94.7%; Pred. No. 3.5e+02; ative 1; Mismatches 0; Indels
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    Mismatches

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US-10-177-478-1
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                                                                              ; FEATURE;
; NAME/KEY: misc feature
; LOCATION: (19)]..(19)
; OTHER INFORMATION: v stands for a,
US-10-182-230-196
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US-10-182-230-196
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Publication No. US20030165903A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 197
SOFTWARE: PAtentIn version 3.1
SEQ ID NO 196
LENGTH: 19
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Query Match 0.2%; Score 18.2; DB 1; Best Local Similarity 94.7%; Pred. No. 3.5e+02; Matches 18; Conservative 1; Mismatches 0;
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CURRENT APPLICATION NUMBER: US/10/177,478
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: U.S. 60/300,135
PRIOR FILING DATE: 2001-06-22
                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Glass, James R.
APPLICANT: Sutcliffe, J. Gregor
APPLICANT: Hasel, Karl W.
TITLE OF INVENTION: Modulation of Gene Expression in Formation of Fatty Atherosclerot
TITLE OF INVENTION: Lesions
TITLE REFERENCE: 216019-143
CURRENT APPLICATION NUMBER: US/10/182,230
CURRENT FILING DATE: 2003-02-03
PRIOR APPLICATION NUMBER: 60/177,963
PRIOR APPLICATION NUMBER: 60/177,963
PRIOR FILING DATE: 2000-01-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Dang, Van-Dinh
APPLICANT: Okamuro, Jack
TITLE OF INVENTION: Chimeric Histone Acetyltransferase
TITLE OF INVENTION: Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Leonardi, Amedeo
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: 3' sequencing primer for dire OTHER INFORMATION: ct sequencing
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                                                                                                                                                                                                                                                                    TYPE: DNA
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Local Similarity 94.7%;
ses 18; Conservative
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APPLICANT: Logusch, Sherry J.

APPLICANT: Baerson, Scott R.

TITLE OF INVENTION: Methods for Controlling Gibberellin Levels

FILE REFERENCE: 11899.0216.DVUS01 (MOBT:216--1)

CURRENT APPLICATION NUMBER: US/10/401,321

CURRENT FILLING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 89

SOPTWARE: PatentIn version 3.2

SEQ ID NO 85

LENGTH. 1
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US-09-814-777A-82/c
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; OTHER INFORMATION: Primer US-10-401-321-85
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                                                                                                                                                 OTHER INFORMATION: GMUQ530 primer US-09-814-777A-82
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APPLICANT: KOOPMAN, Peter Anthony

APPLICANT: KOOPMAN, Peter Anthony

APPLICANT: KOOPMAN, Peter Anthony

APPLICANT: KOOPMAN, Peter Anthony

APPLICANT: MUSCAT, George Eugene Orlando

TITLE OF INVENTION: NOVEL POLYPEPTIDES AND POLYNUCLEOTIDES AND METHODS OF USING THEM

TILLE REFERENCE: 21415-0003

CURRENT APPLICATION NUMBER: US/09/814,777A

CURRENT APPLICATION NUMBER: AU PQ6457

PRIOR APPLICATION NUMBER: AU PQ6457

PRIOR FILING DATE: 2000-03-24

NUMBER OF SEQ ID NOS: 128

SOPTMARE: Patentin version 3.0

SEQ ID NO 82

LENGTH: 23

TYPE: DNA

Antificial Control

CONTROL

SEQ ID NO 82

LENGTH: 23

TYPE: DNA

Antificial Control

CONTROL

SEQ ID NO 82
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Best Local Similarity 94.7%;
Matches 18; Conservative
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Publication No.
                                                                    Matches
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Best Local S
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APPLICANT: Heck, Gregory R.
APPLICANT: Piller, Kenneth J.
APPLICANT: Kilshore, Ganesh M
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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744 CTCCTTCTTCTCACCGCCTGAGG 766
                                                                                     Similarity
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vo. US20030233679A1
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Rao, Sudabathula
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Elich, Tedd D.
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                                                               0.2%; Score 18.2; DB 1; Length 23; 87.0%; Pred. No. 4.6e+02; tive 0; Mismatches 3; Indels
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Pred. No. 3.5e+02;
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JS-09-978-295A-213
Sequence 213, App
Patent No. US2002
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APPLICANT:
APPLICANT:
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-10-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C11
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OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/078886
OR FILING DATE: 1998-03-20
OR FILING DATE: 1998-03-20
                                                                                                                                                                                                                                                                                                                                                  DR APPLICATION NUMBER: 60/065311
DR FILING DATE: 1997-11-13
DR APPLICATION NUMBER: 60/066364
DR APPLICATION NUMBER: 60/077450
DR APPLICATION NUMBER: 60/077450
DR FILING DATE: 1998-03-10
DR APPLICATION NUMBER: 60/077632
DR FILING DATE: 1998-03-11
DR APPLICATION NUMBER: 60/077641
DR APPLICATION NUMBER: 60/077641
DR FILING DATE: 1998-03-11
DR FILING DATE: 1998-03-11
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R APPLICATION NUMBER: 6
R FILING DATE: 1998-03-
R APPLICATION NUMBER: 6
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FILING DATE: 1998-03-11
                         APPLICATION NUMBER: 60/079294
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Shelton, David L.
Stewart, Timothy A.
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Botstein, David
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Margaret Ann
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DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/082568
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081838
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FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081203
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APPLICATION NUMBER: 60/080334
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APPLICATION NUMBER: 60/080107
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080165
FILING DATE: 1998-03-31
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APPLICATION NUMBER: 60/079920
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663
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APPLICATION NUMBER: 60/081817
FILING DATE: 1998-04-15
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APPLICATION NUMBER: 60/081229
FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081955
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APPLICATION NUMBER: 60/080333
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FILING DATE: 1998-04-15
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RESULT 556
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; Sequence 213, Application US/09978697
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Best Local (
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085582
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APPLICATION NUMBER: 60/084637
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084639
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APPLICATION NUMBER: 60/084414
FILING DATE: 1998-05-06
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085580
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085573
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APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065361
PRIOR APPLICATION NUMBER: 60/066364
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APPLICANT: Baker K
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APPLICANT: Williams, P. Mickey
APPLICANT: William I.
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REPERENCE: P2630P1C27
FILE REPERENCE: P2630P1C27
CURRENT APPLICATION NUMBER: US/09/978,697
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APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078004
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APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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FILING DATE: 1998-03-26
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Shelton, David L.
Stewart, Timothy A
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Goddard, Audrey
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Baker Kevin P.
Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Godowski, Paul J.
Grimaldi, J. Christopher
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Hillan, Kenneth J
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Gao, Wei-Qiang
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                                   NUMBER: 60/079663
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60/079786 60/079728

1998-03-27 1998-03-27

APPLICATION NUMBER: 60/079920 FILING DATE: 1998-03-30 APPLICATION NUMBER: 60/079923

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Sequence 213, Application US/0
Patent No. US20020177553A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
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PRIOR ETLING DATE: 2001-07-30
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APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Pan, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: William I.
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Kljavin, Ivar J.
Kuo, Sophia S.
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APPLICATION NUMBER: 60/083322
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FILING DATE: 1998-04-29
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APPLICATION NUMBER: 60/082804
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Publication No. US2003
GENERAL INFORMATION:
APPLICANT: Ashkenazi,
APPLICANT: Baker Kee
APPLICANT: Botstein,
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Botstein, David
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 Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
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                                                                         Fong, Sherman
Gao, Wei-Qiang
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Filvaroff, Ellen
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o. US20020192706A1
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Pred. No. 4.9e+02
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APPLICANT: Tunas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane!
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630F1C63
CURRENT APPLICATION NUMBER: US/09/999,832A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/91885
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062249
PRIOR PILING DATE: 1997-11-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
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OR APPLICATION NUMBER: 60/077649
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OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/078886
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR APPLICATION NUMBER: 60/079923
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080105
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
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OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079656
OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-26
OR APPLICATION NUMBER: 60/079664
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079669
OR APPLICATION NUMBER: 60/079663
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OR FILING DATE: 1998-03-27
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OR FILING DATE: 1998-03-27
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Shelton, David L.
Srewart, Timothy A.
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Hillan, Kenneth
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FILING DATE: APPLICATION NUMBER:

APPLICATION NUMBER: 60/081195

FILING DATE:

1998-04-1998-04-08 APPLICATION NUMBER: 60/081049 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081070 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60, FILING DATE: 1998-04-0: APPLICATION NUMBER: 60/080328 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080194 FILING DATE: 1998-03-31

60/081071

PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR

APPLICATION NUMBER: 60/081955 FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081203 PRIOR PRIOR

60/080333

60/080327

FILING

DATE: 1998-05-06

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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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OR APPLICATION NUMBER: 60/084639
OR APPLICATION NUMBER: 60/084640
OR APPLICATION NUMBER: 60/084598
OR PILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084598
OR PILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084627
OR APPLICATION NUMBER: 60/084627
OR PILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/0846339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085338
OR APPLICATION NUMBER: 60/085338
OR APPLICATION NUMBER: 60/085323
OR APPLICATION NUMBER: 60/085582
OR APPLICATION NUMBER: 60/085582
OR APPLICATION NUMBER: 60/085689
OR APPLICATION NUMBER: 60/085580
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R FILING DATE: 1998-05
R PAPPLICATION NUMBER: 6
R FILING DATE: 1998-05
R APPLICATION NUMBER: 6
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Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
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Filvaroff,
                                                                                     Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Botstein, David
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                                                                                                                                                                                                                   , Napoleon
Ef, Ellen
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Pred. No. 4.9e+02;
0; Mismatches 3
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Gaps

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Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
Pan, James;

PRIOR

APPLICATION NUMBER: 60/083554
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083558

NR FILING DATE: 1998-04-29
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NR FILING DATE: 1998-04-29
NR APPLICATION NUMBER: 60/083499
NR FILING DATE: 1998-04-29
NR FILING DATE: 1998-04-29
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083559
OR APPLICATION NUMBER: 60/083500
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-04-30
OR APPLICATION NUMBER: 60/084366
OR APPLICATION NUMBER: 60/084414

PRIOR PRIOR PRIOR

FILING DATE: 1998-04-28
APPLICATION NUMBER: 60/083392
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083495

PRIOR PRIOR PRIOR

PILING DATE: 1998-04-27 APPLICATION NUMBER: 60/083322

PRIOR PRIOR PRIOR PRIOR

APPLICATION NUMBER: 60/082796 FILING DATE: 1998-04-23 APPLICATION NUMBER: 60/082797 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-22

NUMBER: 60/083336

FILING DATE: 1998-04-22

PRIOR

FILING DATE: 1998-04-22

NUMBER: 60/082700 NUMBER: 60/082804

APPLICATION

FILING DATE: 1998-04-22

PRIOR PRIOR

APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081838

FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081817

PILING DATE: 1998-04-15 APPLICATION NUMBER: 60/082568

FILING DATE: 1998-04-

APPLICATION NUMBER: 60/082569 FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082704

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TITLE OF INVENTION: Acid
FILE REFERENCE: P2630P1C7
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REENT APPLICATION NUMBER: 09/918585
IOR APPLICATION NUMBER: 09/918585
IOR APPLICATION NUMBER: 60/062250
IOR APPLICATION NUMBER: 60/062250
IOR APPLICATION NUMBER: 60/062250
IOR PILING DATE: 1997-11-03
IOR APPLICATION NUMBER: 60/065311
IOR APPLICATION NUMBER: 60/065311
IOR APPLICATION NUMBER: 60/066364
IOR FILING DATE: 1997-11-21
IOR APPLICATION NUMBER: 60/077450
IOR FILING DATE: 1997-11-27
IOR APPLICATION NUMBER: 60/077632
IOR FILING DATE: 1998-03-10
IOR APPLICATION NUMBER: 60/077641
IOR APPLICATION NUMBER: 60/077649
IOR FILING DATE: 1998-03-11
IOR APPLICATION NUMBER: 60/07781
IOR APPLICATION NUMBER: 60/0778004
IOR APPLICATION NUMBER: 60/078086
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IOR APPLICATION NUMBER: 60/078936
                                                                                 OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
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FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
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    FILLING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080333
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Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
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OR APPLICATION NUMBER: 60/080334
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OR APPLICATION NUMBER: 60/081070
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OR APPLICATION NUMBER: 60/081195
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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/08256
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OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/08270
OR APPLICATION NUMBER: 60/08332
OR APPLICATION NUMBER: 60/08349
OR APPLICATION NUMBER: 60/08356
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/08359
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APPLICATION NUMBER: 60/084598 FILING DATE: 1998-05-07

APPLICATION NUMBER: 60/084640

FILING DATE: 1998-05-07

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US-09-978-608A-213
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APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
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DR APPLICATION NUMBER: 60/085323
DR FILING DATE: 1998-05-13
DR APPLICATION NUMBER: 60/085582
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085700
DR APPLICATION NUMBER: 60/085700
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/085338
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FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
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         Shelton, David L.
Shewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
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Filvaroff, Ellen
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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                                                                                  Paoni, Nicholas F.
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                                                                                                                                             Kljavin,
                                                                                                            apier, Mary A.
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                                                                                                  James;
                                                                                                                          Sophia S.
William I.
                                                                                                                                           Ivar J.
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Pred. No. 4
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RESULT 561
US-09-978-585A-213
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-608A-213
                                             ; OTHER INFORMATION: US-09-978-585A-213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C22 CURRENT APPLICATION NUMBER: US/09/978,608A CURRENT FILING DATE: 2001-10-16 NUMBER OF SEQ ID NOS: 624 Prior Application removed - See File Wrapper or Palm SEQ ID NO 213
                                                                                                                                   TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C15 CURRENT APPLICATION NUMBER: US/09/978,585A CURRENT FILING DATE: 2001-10-16 NUMBER OF SEG ID NOS: 624 Prior Application removed - See File Wrapper or Palm SEG ID NO 213
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Best Local Similarity
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Query Match
Best Local Similarity
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                               FEATURE:
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Baker Kevin P.
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
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Gerritsen, Mary E.
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Kuo, Sophia S.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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o._US20030049633A1
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                                                                                                                                                                                                                                                                                                                                                            Nicholas F.
                                                             Synthetic oligonucleotide probe
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Ef, Ellen
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Pred. No. 4.9e+02
0; Mismatches
   Score 18.2; DB 1;
Pred. No. 4.9e+02;
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                 Length
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RESULT 562
US-09-978-191A-213
; Sequence 213, Application US/09978191A
; Publication No. US20030050239A1
· GENERAL INFORMATION:
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
ADPLICANT: Desnoyers, Luc
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                     PRIOR
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/978,191A
CURRENT FILING DATE: 2001-10-15
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OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/07791
OR APPLICATION NUMBER: 60/078004
OR APPLICATION NUMBER: 60/078004
                                                 R FILING DATE: 1998-03-13
R APPLICATION NUMBER: 60/07
R FILING DATE: 1998-03-20
NR APPLICATION NUMBER: 60/07
R FILING DATE: 1998-03-20
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FILING DATE: 1997-10-17
APPLICATION NUMBER: 60/064249
FILING DATE: 1997-11-03
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FILING DATE: 2001-07-30
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/077450 FILING DATE: 1998-03-10
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                 APPLICATION FILING DATE:
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Shelton, David L.
Stewart, Timothy A.
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Hillan, Kenneth J
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NUMBER: 60/078939
                 NUMBER: 60/078910: 1998-03-20
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                                                 DR APPLICATION NUMBER: 60/082804
DR FILING DATE: 1998-04-22
DR APPLICATION NUMBER: 60/082700
DR FILING DATE: 1998-04-22
DR APPLICATION NUMBER: 60/082797
DR FILING DATE: 1998-04-22
DR APPLICATION NUMBER: 60/082796
DR APPLICATION NUMBER: 60/082796
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RR APPLICATION NUMBER: 60/081817

RR FILING DATE: 1998-04-15

RR APPLICATION NUMBER: 60/081819

RR FILING DATE: 1998-04-15

RR APPLICATION NUMBER: 60/081952
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R APPLICATION NUMBER: 60/081203

DR FILING DATE: 1998-04-09

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DR APPLICATION NUMBER: 60/081955
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APPLICATION NUMBER: 60/079294
FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
FILING DATE: 1998-03-26
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FILING DATE: 1998-04-21
APPLICATION NUMBER: 60/082704
FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/081838
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/082568
FILING DATE: 1998-04-21
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APPLICATION NUMBER: 60/081049
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081071
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APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
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FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080194
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FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31
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FILING DATE: 1998-04-01
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FILING DATE: 1998-03-31
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APPLICATION NUMBER: 60/079728
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APPLICATION NUMBER: 60/079663
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APPLICATION 1
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APPLICATION NUMBER: 60/081070
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084600
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APPLICATION NUMBER: 60/084639
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084640
FILING DATE: 1998-05-07
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FILING DATE: 1998-04-28
APPLICATION NUMBER: 60/083392
FILING DATE: 1998-04-29
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APPLICATION NUMBER: 60/083545
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APPLICATION NUMBER: 60/085700
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APPLICATION NUMBER: 60/084441
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                                                                                                      Similarity
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llarity 87.0%;
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                                                                                                      Score 18.2; DB 1;
Pred. No. 4.9e+02;
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CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-10-13
PRIOR FILING DATE: 1997-11-03
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R APPLICATION NUMBER: 60/07
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APPLICATION NUMBER: 60/079939
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APPLICATION NUMBER: 60/079294
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FILING DATE: 1998-03-11
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Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napler, Mary A.
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Botstein, David
Desnoyers, Luc
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Williams, P. Mic
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Goddard, Audrey
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o. US20030050240A1
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OR FILING DATE: 1998-04-08
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OR APPLICATION NUMBER: 60/081203
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DR FILING DATE: 1998-04-01
DR APPLICATION NUMBER: 60/080333
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R APPLICATION NUMBER: 60/08
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RR FILING DATE: 1998-04-22
RR APPLICATION NUMBER: 60/08
RF FILING DATE: 1998-04-29
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DR APPLICATION NUMBER: 60/085580
DR PILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085573
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DR APPLICATION NUMBER: 60/084414
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DR APPLICATION NUMBER: 60/084637
DR APPLICATION NUMBER: 60/084637
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084639
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084640
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DR APPLICATION NUMBER: 60/083742
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APPLICATION NUMBER: 60/085700
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APPLICATION NUMBER: 60/084366
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RESULT 564
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Sequence 213, Applicatic
GENERAL INFORMATION:
APPLICANT: Ashkenazi, A
APPLICANT: Baker, Kevi

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PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
PRIOR PPLICATION NUMBER: 60/062250
PRIOR PPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-21
PRIOR PPLICATION NUMBER: 60/06364
PRIOR PILING DATE: 1997-11-21
PRIOR PPLICATION NUMBER: 60/077450
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PRIOR APPLICATION NUMBER: 60/078886
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PRIOR APPLICATION NUMBER: 60/078936
PRIOR PILING DATE: 1998-03-20
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OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-26
OR APPLICATION NUMBER: 60/079664
OR APPLICATION NUMBER: 60/079669
OR APPLICATION NUMBER: 60/079669
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
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Gerritsen, Mary E.
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Desnoyers, Luc
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Filvaroff, Ellen
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RR APPLICATION NUMBER: 60/081955

RR FILING DATE: 1998-04-15

RR APPLICATION NUMBER: 60/081817

DR FILING DATE: 1998-04-15

RR APPLICATION NUMBER: 60/081819
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R FILING DATE: 1998-04-01

R APPLICATION NUMBER: 60/080334

R FILING DATE: 1998-04-01

R APPLICATION NUMBER: 60/081070

R FILING DATE: 1998-04-08

R APPLICATION NUMBER: 60/081049
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APPLICATION NUMBER: 60/079920
FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/079923
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APPLICATION NUMBER: 60
FILING DATE: 1998-03-3
                          APPLICATION NUMBER: 60/083499
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083545
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083554
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FILING DATE: 1998-04-27
APPLICATION NUMBER: 60/0
FILING DATE: 1998-04-28
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FILING DATE: 1998-04-21
APPLICATION NUMBER: 60/082569
FILING DATE: 1998-04-21
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081838
FILING DATE: 1998-04-15
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APPLICATION NUMBER: 60/081203
FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081229
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APPLICATION NUMBER: 60/081071
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081195
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FILING DATE: 1998-04-01
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FILING DATE: 1998-04-01
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FILING DATE: 1998-03-31
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FILING DATE: 1998-03-31
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APPLICATION NUMBER: 60/
FILING DATE: 1998-04-29
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FILING DATE: 1998-04-22
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FILING DATE: 1998-04-22
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Sequence 213, Application US
Publication No. US2003005440
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napole
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US-09-999-833A-213
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OR APPLICATION NUMBER: 60/084600

OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/084627

OR APPLICATION NUMBER: 60/084643

OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/085339

OR FILING DATE: 1998-05-13

OR APPLICATION NUMBER: 60/085339

OR APPLICATION NUMBER: 60/085339

OR APPLICATION NUMBER: 60/085339

OR APPLICATION NUMBER: 60/085330

OR APPLICATION NUMBER: 60/085323

OR APPLICATION NUMBER: 60/085323

OR APPLICATION NUMBER: 60/085323

OR APPLICATION NUMBER: 60/085323

OR APPLICATION NUMBER: 60/085582

OR APPLICATION NUMBER: 60/085582
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DR FILING DATE: 1998-04-30

DR FILING DATE: 1998-05-05

DR FILING DATE: 1998-05-05

DR APPLICATION NUMBER: 60/084414

DR APPLICATION NUMBER: 60/084414

DR APPLICATION NUMBER: 60/084441

DR APPLICATION NUMBER: 60/084637

DR APPLICATION NUMBER: 60/084637

DR APPLICATION NUMBER: 60/084639

DR APPLICATION NUMBER: 60/084639

DR APPLICATION NUMBER: 60/084639

DR FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084639

DR FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084640

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R FILING DATE: 1998-05-
R APPLICATION NUMBER: 6
R FILING DATE: 1998-05-
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083559
FILING DATE: 1998-04-29
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Fong, Succession, Wei-Qiang
                                        Eaton, Dan
Ferrara, Napoleon
Filvaroff, Ellen
Fong, Sherman
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                                                                                                                                                               Baker Kevin P.
Botstein, David
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APPLICANT: Thmas, Daniel
APPLICANT: Williams, D. Mickey
APPLICANT: Williams, D. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembran.
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC5
CURRENT APPLICATION NUMBER: US/09/999,833A
CURRENT FILING DATE: 2001-07-30
PRIOR PPLICATION NUMBER: 60/62250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/66249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/06531
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PRIOR APPLICATION NUMBER: 60/06531
PRIOR APPLICATION NUMBER: 60/06531
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1997-11-21
PRIOR PRILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/078004
PRIOR APPLICATION NUMBER: 60/078806
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078930
PRIOR FILING DATE: 1998-03-20
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079939
PRIOR APPLICATION NUMBER: 60/079294
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079666
PRIOR APPLICATION NUMBER: 60/079664
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APPLICANT:
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                                                                                        FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079920
FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/079923
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APPLICATION 1
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Hillan, Kenneth J
Kliavin, Ivar J.
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi,
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Kuo, Sophia S.
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Goddard, Audrey
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J. Christopher
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APPLICATION NUMBER: 60/080328 FILING DATE: 1998-04-01

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FILING DATE: 1998-04-08

APPLICATION NUMBER: 60/081049

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APPLICATION NUMBER: FILING DATE: 1998-04

APPLICATION NUMBER:

60/081203 60/081195

LING DATE:

1998-04-09 1998-04-08 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/081070

APPLICATION NUMBER: APPLICATION NUMBER:

60/080334

1998-04-01

60/080333

APPLICATION NUMBER: PILING DATE: 1998-04 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-31

1998-04-0

60/080327 60/080194

APPLICATION NUMBER: 60/080107 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080165 FILING DATE: 1998-03-31

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Sequence 213, Application US/09981915A
Publication No. US20030054986A1
GENERAL INFORMATION:
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Desnoyers, Luc
APPLICANT: Fituroff, Ellen
APPLICANT: Fituroff, Ellen
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OR APPLICATION NUMBER: 60/084366
OR PILING DATE: 1998-05-05
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084441
OR FILING DATE: 1998-05-06
OR FILING DATE: 1998-05-07
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084639
OR PILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
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OR PILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084627
OR APPLICATION NUMBER: 60/084643
OR PILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085339
OR PILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085338
OR APPLICATION NUMBER: 60/085338
OR APPLICATION NUMBER: 60/085338
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DR APPLICATION NUMBER: 60/085700
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085689
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DR APPLICATION NUMBER: 60/085579
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DR APPLICATION NUMBER: 60/085580
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RAPPLICATION NUMBER: 60/085573

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RAPPLICATION NUMBER: 60/085704

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DR APPLICATION NUMBER: 60/085697
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Gao, Wei-Qiang

Gerber, Hanspeter

T: Gerritsen, Mary E.

T: Goddard, Audrey

NT: Goddwski, Paul J.

NT: Grimaldi, J. Christopher

Gurney, Austin L.
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Similarity 87.0%;
20; Conservative
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FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083545

NUMBER: 60/083499 : 1998-04-29 NUMBER: 60/083496 NUMBER: 60/083495 NUMBER: 60/083392

FILING DATE: 1998-04-23
APPLICATION NUMBER: 60/08336
FILING DATE: 1998-04-27
APPLICATION NUMBER: 60/083322
FILING DATE: 1998-04-28

FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082796 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082797

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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554
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NUMBER: 60/081952

FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081819

APPLICATION NUMBER: 60/081817 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081955 APPLICATION NUMBER: 60/081229

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APPLICATION NUMBER: 60/082700

PRIOR

FILING DATE: 1998-04-09

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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
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er, Mary
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OR APPLICATION NUMBER: 60/083559
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OR APPLICATION NUMBER: 60/084366
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OR APPLICATION NUMBER: 60/081229
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; Publication No. US200
; GENERAL INFORMATION:
; APPLICANT: ABRECT KE
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Botstein, David
Desnoyers, Luc
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Roy, Mar
Shelton,
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Godowski, Paul J.
Grimaldi, J. Chri
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CURRENT FILING DATE: 2001-10-17
PRIOR APPLICATION NUMBER: 09/91585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 1997-11-03
PRIOR APPLICATION NUMBER: 1997-11-03
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C14
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OR APPLICATION NUMBER: 60/078004
OR APPLICATION NUMBER: 60/078086
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OR APPLICATION NUMBER: 60/078936
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OR APPLICATION NUMBER: 60/079663
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OR APPLICATION NUMBER: 60/079786
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APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/077791
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FILING DATE: 1997-11-21
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FILING DATE: 1997-11-13
                    APPLICATION NUMBER: 60/080328
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APPLICATION NUMBER: 60/080107
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APPLICATION NUMBER: 60/079664
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APPLICATION NUMBER: 60/079689
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DR FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/085573

DR FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/085704

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DR APPLICATION NUMBER: 60/085697
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R APPLICATION NUMBER: 60/084600
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REFERENCE: P2630P1C1
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APPLICATION NUMBER: 60/085689
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
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APPLICATION NUMBER: 60/085582
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        T: Williams, P. Mickey
T: Wood, William I.
INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
INVENTION: Acids Encoding the Same
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                                         Roy, Margare, Shelton, David L. Shelton, David L. Stewart, Timothy A. Tumas, Daniel
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Grimaldi,
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Gerritsen, Mary E
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Botstein, David
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Kuo, Sophia S.
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Hillan, Kenneth J
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f, Ellen
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J. Christopher
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APPLICATION NUMBER: 60/082804 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082700 FILING DATE: 1998-04-22

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FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082569 APPLICATION NUMBER: 60/082568 APPLICATION NUMBER: 60/081838 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15

FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/081819
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APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081229

APPLICATION NUMBER: 60/081195 FILING DATE: 1998-04-08

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APPLICATION NUMBER: 60/081955

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APPLICATION NUMBER: 60/083495 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083496 FILING DATE: 1998-04-29

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RESULT 569
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APPLICANT: Ashkenazi,
APPLICANT: Baker Kev:
APPLICANT: Botstein,
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REPERENCE: P2630F1C21
CURRENT APPLICATION NUMBER: US/09/978,423A
CURRENT FILING DATE: 2002-05-16
FRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR APPLICATION NUMBER: 60/064249
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APPLICATION NUMBER: 60/085573
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Stewart, Timothy A.
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Kuo, Sophia S.
Napier, Mary A.
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Botstein, David
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                                                                                                                                                                                                                                                                                                    James;
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   DR APPLICATION NUMBER: 60/081203
DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081229
DR FILING DATE: 1998-04-09
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DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080327
DR FILING DATE: 1998-04-01
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DR PILING DATE: 1998-04-01
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DR APPLICATION NUMBER: 60/080333
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DR APPLICATION NUMBER: 60/065311

DR FILING DATE: 1997-11-13

DR APPLICATION NUMBER: 60/066364

DR FILING DATE: 1997-11-21

DR APPLICATION NUMBER: 60/077450

DR FILING DATE: 1998-03-10
                                                                                                      APPLICATION NUMBER: 60/081071
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081195
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APPLICATION NUMBER: 60/081070
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APPLICATION NUMBER: 60/081049
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APPLICATION NUMBER: 60/080107
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079920
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APPLICATION NUMBER: 60/079923
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APPLICATION NUMBER: 60/079294
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APPLICATION NUMBER: 60/079656
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FILING DATE: 1998-03-20
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FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/079664
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APPLICATION NUMBER: 60/078004
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US-09-978-193A-213
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
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Best Local Similarity 87.0%;
Matches 20; Conservative
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CURRENT APPLICATION NUMBER: US/09/978,193A
CURRENT FILING DATE: 2002-02-21
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APPLICANT: Williams, Mickey
APPLICANT: William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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OR APPLICATION NUMBER: 60/085700
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085689
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OR APPLICATION NUMBER: 60/085579
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Baker Kevin P.
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Kuo, Sophia S.
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Stewart, Timothy A.
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Roy, Margaret Ann
Shelton, David L.
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Gerritsen, Mary E.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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5. US20030073624A1
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f, Ellen
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Pred. No. 4.9e+02
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FILING DATE:

APPLICATION NUMBER: 60/083495

1998-04-29

APPLICATION NUMBER: 60/083322 FILING DATE: 1998-04-28

APPLICATION NUMBER: 60/083392

APPLICATION NUMBER: 60/083545
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083554

PILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083499 APPLICATION NUMBER: 60/083496 FILING DATE: 1998-04-29

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APPLICATION NUMBER: 60/083558
FILING DATE: 1998-04-29

APPLICATION NUMBER: 60/083559

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APPLICATION NUMBER: 60/082796 PILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082797

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APPLICATION NUMBER: 60/083336

FILING DATE: 1998-04-27

PRIOR PRIOR PRIOR PRIOR

APPLICATION NUMBER: 60/082700 FILING DATE: 1998-04PRIOR

FILING DATE:

APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15 FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081819
FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081817 FILING DATE: 1998-04-15

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FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082804

APPLICATION NUMBER: 60/082704

APPLICATION NUMBER: 60/082569 FILING DATE: 1998-04-21 APPLICATION NUMBER: FILING DATE: 1998-04-15 APPLICATION NUMBER:

60/082568 60/081838

1998-04-21

PRIOR FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085338 FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084627
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084643 APPLICATION NUMBER: 60/084640 FILING DATE: 1998-05-07 APPLICATION NUMBER: 60/084598 FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
FILING DATE: 1998-05-06 FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083500
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083742 FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085582 APPLICATION NUMBER: 60/084637 FILING DATE: 1998-05-07 FILING DATE: 1998-04-30
APPLICATION NUMBER: 60/084366
FILING DATE: 1998-05-05
APPLICATION NUMBER: 60/084414 APPLICATION NUMBER: 60/084600 FILING DATE: FILING DATE: APPLICATION NUMBER: 60/084639 1998-05-07 1998-05-06 1998-05-07

DR APPLICATION NUMBER: 60/077632

BR FILLING DATE: 1998-03-11

DR FILLING DATE: 1998-03-11

DR APPLICATION NUMBER: 60/077649

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DR APPLICATION NUMBER: 60/077791

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DR APPLICATION NUMBER: 60/078806

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DR APPLICATION NUMBER: 60/078930

DR APPLICATION NUMBER: 60/079693

DR APPLICATION NUMBER: 60/079294

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OF FILING DATE: 1998-03-27
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OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/08015
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080333
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DR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
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OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/08129
OR APPLICATION NUMBER: 60/08129
OR APPLICATION NUMBER: 60/08195
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OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819
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OR APPLICATION NUMBER: 60/081952
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081952
OR APPLICATION NUMBER: 60/081953

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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILB REFERENCE: P2630PIC70
CURRENT APPLICATION NUMBER: US/09/999,830A
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 00/06250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06250
PRIOR APPLICATION NUMBER: 60/064249
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR APPLICATION NUMBER: 60/077632
OR PILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077799
OR APPLICATION NUMBER: 60/077791
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FILING DATE: 1998-05-15
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| Similarity 87.0%;
| 20; Conservative
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Gao, Wei-Qiang
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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Filvaroff,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tumas, Daniel
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Kuo, Sophia S.
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ton, David L.
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f, Ellen
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Pred. No. 4.9e+02;
0; Mismatches 3;
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OR APPLICATION NUMBER: 60/079689
OR APPLICATION NUMBER: 60/079663
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079986
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079923
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OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078910
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
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DR FILING DATE: 1998-04-08
DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081203
DR FILING DATE: 1998-04-09
DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081925
DR APPLICATION NUMBER: 60/081915
DR APPLICATION NUMBER: 60/081817
DR APPLICATION NUMBER: 60/081817
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DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080165
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080194
DR APPLICATION NUMBER: 60/080327
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PR APPLICATION NUMBER: 60/080333

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APPLICATION NUMBER: 60/0
FILING DATE: 1998-03-25
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FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079664
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APPLICATION NUMBER: 60/078004
FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
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FILING DATE: 1998-04-15
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FILING DATE: 1998-04-15
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FILING DATE: 1998-04-15
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APPLICATION NUMBER:
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                          FILING DATE: 1998-04-21
APPLICATION NUMBER: 60/
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NUMBER: 60/ : 1998-04-22

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NUMBER: 60/083742 NUMBER: 60/083500

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NUMBER: 60/083554 NUMBER: 60/083545

1998-04-29

1998-04-29

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APPLICANT: Pan, James;
APPLICANT: Pan, James;
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucl
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PlC26
CURRENT APPLICATION NUMBER: US/09/978,757A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/06249
PRIOR APPLICATION NUMBER: 60/064249
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Publication No.
GENERAL INFORMA
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APPLICANT: Baker Kevin P
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OR PELLING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/076364
OR PILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR PILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR PILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077791
OR APPLICATION NUMBER: 60/07791
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078886
OR APPLICATION NUMBER: 60/078936
OR APPLICATION NUMBER: 60/078936
OR APPLICATION NUMBER: 60/078936
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
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Hillan, Kenneth J
Kljavin, Ivar J.
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Grimaldi,
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Botstein, David
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sen, Mary E
d, Audrey
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f, Ellen
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J. Christopher
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DR FILING DATE: 1998-05-07

R APPLICATION NUMBER: 60/084600

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DR APPLICATION NUMBER: 60/084643

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APPLICATION NUMBER: 60/084414 FILING DATE: 1998-05-06 APPLICATION NUMBER: 60/084441 FILING DATE: 1998-05-06

R APPLICATION NUMBER: 60/08
R FILING DATE: 1998-05-13
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60/085582 60/085323 60/085338 60/085339

APPLICATION NUMBER: FILING DATE: 1998-0

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60/085579

APPLICATION NUMBER:

60/085689 60/085700

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APPLICATION NUMBER: FILING DATE: 1998-05

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APPLICATION NUMBER: 60/085704 FILING DATE: 1998-05-15

DR APPLICATION NUMBER: 60/078910
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078939
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/079294
DR FILING DATE: 1998-03-25
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OR APPLICATION NUMBER: 60/083559
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083742
OR FILING DATE: 1998-04-30
OR APPLICATION NUMBER: 60/084366
OR PILING DATE: 1998-05-05
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
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R APPLICATION NUMBER: 60/08
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FILING DATE: 1998-04-29
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FILLING DATE: 1998-04-29
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APPLICATION NUMBER: 60 FILING DATE: 1998-03-3 APPLICATION NUMBER: 60

FILING

DATE: 1998-03-31

60/080194

NUMBER: 60/080165

NUMBER: 60/080107

APPLICATION NUMBER: 60/ FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/0 FILING DATE: 1998-03-30

60/080105 60/079923 60/079920 60/079786 60/079728 60/079663 60/079689 60/079664 60/079656

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FILING DATE: 1998-03-30

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APPLICATION NUMBER: 60/ FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/

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NUMBER: 60/081203 NUMBER: 60/081195

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OR APPLICATION NUMBER: 60/081817
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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
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OR APPLICATION NUMBER: 60/081938
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OR APPLICATION NUMBER: 60/082568
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OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082796

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24;

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GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Bretesen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
ITITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: Cl037/7013 (NCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEO ID NOS: 1093
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LENGTH: 24
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US-09-776-479-60
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Best Local Similarity
Matches 20; Conserv
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 60
LENGTH: 24
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Publication No.
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Best Local :
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APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/9/776,479
CURRENT APPLICATION NUMBER: US/9/176,479
ERIOR APPLICATION NUMBER: US/9/179,991
PRIOR FILING DATE: 2000-02-03
                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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Pred. No. 4.9e+02;
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Pred. No. 4.9e+02;
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C5
CURRENT APPLICATION NUMBER: US/09/978,187B
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/062311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
                                                                                          FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
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APPLICATION NUMBER: 60/077641
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APPLICATION NUMBER: 60/077450
              APPLICATION NUMBER: 60/079689
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APPLICATION NUMBER: 60/079664
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Grimaldi,
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Stewart, Timothy A.
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Williams, P. Mickey
Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Eaton, Dan
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DATE:
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Napier, Mary A.
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APPLICATION NUMBER: 60/079663 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079728 FILING DATE: 1998-03-27

APPLICATION NUMBER:

1998-03-

PRIOR

APPLICATION NUMBER: 6 FILING DATE: 1998-03-APPLICATION NUMBER: APPLICATION NUMBER: 60/ FILING DATE: 1998-03-30

FILING DATE:

1998-03-30

60/080105 60/079923 60/079920 60/079786

APPLICATION NUMBER: 60/080107

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RESULT 576
US-09-978-643A-213
; Sequence 213, Application US/09978643A
; Publication No. US20030104998A1
; GENERAL INFORMATION:
, APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
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Matches 20
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OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083558
OR FILING DATE: 1998-04-29
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OR FILING DATE: 1998-05-06

OR FILING DATE: 1998-05-06

OR APPLICATION NUMBER: 60/084441

OR FILING DATE: 1998-05-06

OR APPLICATION NUMBER: 60/084637

OR APPLICATION NUMBER: 60/084639

OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/084640

OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/084699

OR PILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/084600

OR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/084627

OR APPLICATION NUMBER: 60/084627

OR APPLICATION NUMBER: 60/084643

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OR APPLICATION NUMBER: 60/084643

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APPLICATION NUMBER: 60/083742
FILING DATE: 1998-04-30
APPLICATION NUMBER: 60/084366
FILING DATE: 1998-05-05
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FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083500
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APPLICATION NUMBER:
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20; Conserv
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nilarity 87.0%;
Conservative
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Pred. No. 4.9e
0; Mismatches
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PRIOR

DR APPLICATION NUMBER: 60/081838
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/082568
DR FILING DATE: 1998-04-21
DR APPLICATION NUMBER: 60/082569
DR FILING DATE: 1998-04-21
DR APPLICATION NUMBER: 60/082704

FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081955
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081817

APPLICATION NUMBER: 60 FILING DATE: 1998-04-1 APPLICATION NUMBER: 60

FILING DATE: 1998-04-1

FILING DATE: 1998-04-15

NUMBER: 60/081952

60/081819

FILLING DATE: 1998-04-08
APPLICATION NUMBER: 60/081203
FILLING DATE: 1998-04-09
APPLICATION NUMBER: 60/081229

APPLICATION NUMBER: 60/081049
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081071
FILING DATE: 1998-04-08

FILING DATE: APPLICATION N

NUMBER: 60/081195

APPLICATION NUMBER: 60/080334
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/081070

LING DATE: 1998-04-08

APPLICATION NUMBER: 60/

NUMBER: 60/080333

FILING DATE: 1998-04-01

APPLICATION

NUMBER:

60/080328

LING DATE: 1998-04-

APPLICATION NUMBER: 60/080327

FILING DATE: 1998-03-3 APPLICATION NUMBER: 60

60/080194 60/080165

APPLICATION NUMBER:

FILING DATE:

1998-03-3

OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082804
OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/082796
OR FILING DATE: 1998-04-23
OR PILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/08332
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083392
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OR APPLICATION NUMBER: 60/083392
OR APPLICATION NUMBER: 60/083495
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR APPLICATION NUMBER: 60/083495
OR APPLICATION NUMBER: 60/083499

Eaton,

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RESULT 577
US-09-978-375A-213
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-09-978-643A-213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
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Prior Application removed - See File Wrapper or Palm SEQ ID NO 213
LENGTH: 24
                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                            Sequence 213, Application US/09978375A Publication No. US20030130181A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P26430P1C16 CURRENT APPLICATION NUMBER: US/09/978,643A CURRENT FILING DATE: 2001-10-16
                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
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                                                                                                                                                                                                                                                  Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Williams, P. Mickey
Wood, William I.
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Cao, Wei-Qiang
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Shelton, David L.
Stewart, Timothy A.
                                                     Kljavin,
                                                                     Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                               Gerritsen, Mary E.
                                                                                                                                                                           Fong, Sherman
Gao, Wei-Qiang
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                                                                                                                                                                                                                                        Eaton,
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Filvaroff,
Paoni, Nicholas F.
                          Napier, Mary A.
                                                                                                                              Goddard, Audrey
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                                     avin, Ivar J.
, Sophia S.
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Pred. No. 4.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
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; ORGANISM: Artificial Sequence ; FEATURE: OTHER INFORMATION: Synthetic oligonucleotide US-09-978-375A-213
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FILE REFERENCE: P2630P1C2
CURRENT APPLICATION NUMBER: US/09/978,298A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C24 CURRENT APPLICATION NUMBER: US/09/978,375A CURRENT FILING DATE: 2002-04-19 Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 624 SEQ ID NOS: 624 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ashkenazi, A
APPLICANT: Baker Kevin
APPLICANT: Botstein, I
APPLICANT: Desnoyers,
APPLICANT: Eaton, Dan
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Williams, P. Mickey
Wood, William I.
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Williams, P. Mic
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi,
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Stewart, Timothy A.
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Eaton, Dan
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Gurney, Austin L.
Hillan, Kenneth J
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o. US20030134785A1
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                                                                                                                                                                                                                                                                                        Mary A.
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FILING DATE: 1997-11-03

OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/079663 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079728 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079786

APPLICATION NUMBER: 60/079664
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079689
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663

APPLICATION NUMBER: 60/079656 FILING DATE: 1998-03-26

DR APPLICATION NUMBER: 60/080105
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080107
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080165
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080194

APPLICATION NUMBER: 30-30
FILING DATE: 1998-03-30
FILING DATE: 1998-03-31
FILING DATE: 1998-03-31
FILING DATE: 1998-03-31

FILING DATE: 1998-03-27
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FILING DATE: 1998-03-30

OR APPLICATION NUMBER: 60/080134
OR PILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080327
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OR APPLICATION NUMBER: 60/08129
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15

OR APPLICATION NUMBER: 60/077649
OR RILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/07791
OR FILING DATE: 1998-03-12
OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/078886
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
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RESULT 579
US-09-978-188A-213
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; Publication No. U
                                                                                                                                    APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nuc
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C8

CURRENT APPLICATION NUMBER: US/09/978,188A

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: 09/918585

PRIOR APPLICATION NUMBER: 09/062250

PRIOR APPLICATION NUMBER: 60/062250

PRIOR APPLICATION NUMBER: 60/064249

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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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OR APPLICATION NUMBER: 60/085689
OR FILING DATE: 1998-05-15
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OR APPLICATION NUMBER: 60/085573
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                DR APPLICATION NUMBER: 60/065311
DR FILING DATE: 1997-11-13
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Williams, P. Mickey
Wood, William I.
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Filvaroff,
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ilarity 87.0%;
Conservative
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Sophia S.
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OR APPLICATION NUMBER: 60/078936
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OR APPLICATION NUMBER: 60/078910
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OR APPLICATION NUMBER: 60/079294
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OR APPLICATION NUMBER: 60/079656
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FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
                                                        APPLICATION NUMBER: 60/081819
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081952
                                                                                                                                                                                                   FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081203
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APPLICATION NUMBER: 60/081195
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FILING DATE: 1998-04-01
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RESULT 580
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PPLICATION NUMBER: 60/062250
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PRIOR PPLICATION NUMBER: 60/06364
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PRIOR PILING DATE: 1998-03-10
PRIOR PPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-11
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Matches 20
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                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Secreted and Transmembrane Polypeptides TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C18
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Hillan, Kenneth J
Kljavin, Ivar J.
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Botstein, David
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Grimaldi, J. Christopher
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Stewart, Timothy A.
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APPLICATION NUMBER: 60/084637 APPLICATION NUMBER: 60/0 FILING DATE: 1998-05-06

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APPLICATION NUMBER: 60/084366 FILING DATE: 1998-05-05 APPLICATION NUMBER: 60/084414

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DR FILING DATE: 1998-03-13
DR APPLICATION NUMBER: 60/078886
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078936
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DR APPLICATION NUMBER: 60/078930
DR FILING DATE: 1998-03-20
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PR APPLICATION NUMBER: 60/081070

PR APPLICATION NUMBER: 60/081071

PR APPLICATION NUMBER: 60/081203

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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C10
CURRENT APPLICATION NUMBER: US/09/978,194A
CURRENT APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILING DATE: 1997-10-17
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APPLICANT: Ashkenazi, Avi
APPLICANT: Bakker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Becon, Dan
APPLICANT: Ferrara, Napole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 213, Application US/09978194A Publication No. US20030195333A1
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OR APPLICATION NUMBER: 60/077649
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OR APPLICATION NUMBER: 60/077791
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OR APPLICATION NUMBER: 60/078004
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
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APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
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Gurney, Austin L.
Hillan, Kenneth J
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Desnoyers, Luc
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Gerritsen, Mary E.
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APPLICATION NUMBER: 60/081817
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FILING DATE: 1998-05-05
APPLICATION NUMBER: 60/084414
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FILING DATE: 1998-05-15
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APPLICATION NUMBER:
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APPLICATION NUMBER: 60/083742
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FILING DATE: 1998-04-29
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APPLICATION NUMBER: 60/083496
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                  2551 CTGACGTACCAGCTGTGCCACAC
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CTGACCTTCCAGCTGAGCCACAC
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ilarity 87.0%;
Conservative
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                                                                                                                                                                                             60/085573
                                                         Score 18.2; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 3
                              2573
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APPLICANT:

Perrara, Napoleon Filvaroff, Ellen Fong, Sherman Gao, Wei-Qiang

APPLICANT

Gerber, Hanspeter

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, Davi
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Fairara, Napole
APPLICANT: Filvaroff, Ell

Desnoyers, Luc

Baker Kevin P. Botstein, David

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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-999-829A-213
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US-09-999-829A-213
                                      US-09-978-299A-213
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                                                                                             吊
                                                                                                                                                                                                                                                                       Prior Application removed - See File Wrapper or Palm SEQ ID NO 213
LENGTH: 24
           Sequence 213, Appropriate Publication No.
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GENERAL INFORMATION
                                                                                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Secreted and Transmembrane TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                        LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                           2551 CTGACGTACCAGCTGTGCCACAC 2573
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                                                                                                                                                                Similarity
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Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
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Hillan, Kenneth J
Kljavin, Ivar J.
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Gerritsen, Mary E
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Eaton, Dan
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Botstein, David
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            US20030199435A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            James;
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J. Christopher
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Pred. No. 4.
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
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CURRENT APPLICATION NUMBER: US/09/978,299A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER.
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OR APPLICATION NUMBER: 60/079689
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OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
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DR FILING DATE: 1998-03-11
DR APPLICATION NUMBER: 60/07791
DR FILING DATE: 1998-03-12
DR APPLICATION NUMBER: 60/078004
DR FILING DATE: 1998-03-13
DR APPLICATION NUMBER: 60/078886
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R APPLICATION NUMBER: 60/078939
DR FILING DATE: 1998-03-20
DR PILICATION NUMBER: 60/079294
DR PILING DATE: 1998-03-25
DR APPLICATION NUMBER: 60/079656
DR APPLICATION NUMBER: 60/079656
DR PILING DATE: 1998-03-26
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R APPLICATION NUMBER: 60/07
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APPLICATION NUMBER: 60/C
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APPLICATION NUMBER: 6
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APPLICATION 1
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Shelton, David L.
Stewart, Timothy A.
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Williams, P. Mickey
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Grimaldi, J. Christopher
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d, Audrey
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OR APPLICATION NUMBER: 60/080165
OR PILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
OR APPLICATION NUMBER: 60/080333
OR APPLICATION NUMBER: 60/080333
OR APPLICATION NUMBER: 60/080333
OR RILING DATE: 1998-04-01
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PR APPLICATION NUMBER: 60/081819
PR APPLICATION NUMBER: 60/081952
PR APPLICATION NUMBER: 60/081952
PR FILING DATE: 1998-04-15
PR APPLICATION NUMBER: 60/081838
PR FILING DATE: 1998-04-15
PR APPLICATION NUMBER: 60/082568
PR APPLICATION NUMBER: 60/082568
                   DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083545
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DR APPLICATION NUMBER: 60/083500
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DR APPLICATION NUMBER: 60/083742
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RE APPLICATION NUMBER: 60/082569

RE FILING DATE: 1998-04-21

PR APPLICATION NUMBER: 60/082704

RE APPLICATION NUMBER: 60/082804

RE FILING DATE: 1998-04-22

RE FILING DATE: 1998-04-22
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DR FILING DATE: 1998-04-09
DR PELICATION NUMBER: 60/081229
DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081955
DR FILING DATE: 1998-04-15
DR PELICATION NUMBER: 60/081817
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R F FILING DATE: 1998-04-23
R APPLICATION NUMBER: 60/01
R FILING DATE: 1998-04-27
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R FILING DATE: 1998-04-
R APPLICATION NUMBER: 6
R PILING DATE: 1998-04-
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FILING DATE: 1998-04-08
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FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081071
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FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/082797
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US-09-978-544A-213; Sequence 213, Application US/09978544A; Publication No. US20030199436A1
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
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OR APPLICATION NUMBER: 60/085573
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085704
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085697
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DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084643
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/085339
DR FILING DATE: 1998-05-13
DR APPLICATION NUMBER: 60/085338
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20; Conserv
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
                                                                                                                                                                                                                                                                                                                                                                                                                                             CTGACCTTCCAGCTGAGCCACAC
                                                                                                                                 Fong, but Gao, Wei-Qiang
                                                                                         Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
                                                                                                                                                                                  Ferrara, Napoleon
Filvaroff, Ellen
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ilarity 87.0%;
Conservative
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Pred. No. 4.9e+02;
0; Mismatches 3
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PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
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OR APPLICATION NUMBER: 60/079664

OR APPLICATION NUMBER: 60/079689

OR APPLICATION NUMBER: 60/079689

OR APPLICATION NUMBER: 60/079663

OR APPLICATION NUMBER: 60/079663

OR APPLICATION NUMBER: 60/079728

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OR APPLICATION NUMBER: 60/079786
DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080107

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080165

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080194

DR FILING DATE: 1998-03-31

DR PILING DATE: 1998-04-01

DR FILING DATE: 1998-04-01
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RR FILLING DATE: 1998-03-20

DR APPLICATION NUMBER: 60/078936

DR FILLING DATE: 1998-03-20

DR APPLICATION NUMBER: 60/078910

DR FILLING DATE: 1998-03-20

DR FILLING DATE: 1998-03-20
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FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/080105
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FILING DATE: 1998-0:
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FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
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APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450
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APPLICATION NUMBER: 60/065311
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FILING DATE: 1998-03-20
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1998-03-11

60/077649

1998-03-27

60/079920

1998-03-30

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APPLICANT:
CURRENT APPLICATION NUMBER: US/09/9 CURRENT FILING DATE: 2002-03-19 PRIOR APPLICATION NUMBER: 09/918585
                                                 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C13
                APPLICATION NUMBER: US/09/978,544A FILING DATE: 2002-03-19
                                                                                                     Tumas, Daniel
Williams, P. Mickey
Wood, William I.
                                                                                                                                                            Stewart, Timothy A.
                                                                                                                                                                                                                                               Napier, Mary
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                                                                                                                                                                                            Margaret
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David L.
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APPLICATION NUMBER: 60/080328 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01

1998-05-07

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RESULT 585
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OR APPLICATION NUMBER: 60/084600
OR APPLICATION NUMBER: 60/084627
OR APPLICATION NUMBER: 60/084627
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084643
OR APPLICATION NUMBER: 60/084643
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
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OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085582
OR APPLICATION NUMBER: 60/085700
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085689
OR APPLICATION NUMBER: 60/08569
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08579
OR APPLICATION NUMBER: 60/08559
OR APPLICATION NUMBER: 60/085580
OR APPLICATION NUMBER: 60/085580
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JR APPLICATION NUMBER: 60/085573

JR FILING DATE: 1998-05-15

JR PELING DATE: 1998-05-15

JR APPLICATION NUMBER: 60/085697

JR APPLICATION NUMBER: 60/085697
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20; Conserv
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Botstein, David
Desnoyers, Luc
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 Roy, Margaret
Shelton, David
Stewart, Timot
                                                                                     Kuo,
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Filvaroff,
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                                                           Pan, James;
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                                                                                      Kljavin, Ivar
Kuo, Sophia S.
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                                               Paoni
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nilarity 87.0%;
Conservative
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                                               Nicholas F.
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                                                                        Mary A.
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f, Ellen
                   David
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Pred. No. 4.9e+02.
0; Mismatches
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FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081838

FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081952

PRIOR PRIOR

APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081817 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081955

FILING DATE: 1998-04-15

PRIOR PRIOR

APPLICATION NUMBER: 60/081071 FILING DATE: 1998-04-08

APPLICATION NUMBER: 60/081195

APPLICATION NUMBER: 60/081049 FILING DATE: 1998-04-08

APPLICATION NUMBER: FILING DATE: 1998-04 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080334

1998-04-08

60/081070

PILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081203

FILING DATE: 1998-04-09

PRIOR PRIOR PRIOR

FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/0 FILING DATE: 1998-04-22

60/082804

APPLICATION NUMBER: 60/082700

FILING DATE: 1998-04-22

APPLICATION NUMBER: 60/082704

FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082569 APPLICATION NUMBER: 60/082568

APPLICATION NUMBER: 60/082797 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082796

FILING DATE: 1998-04-23
APPLICATION NUMBER: 60/083336
FILING DATE: 1998-04-27
APPLICATION NUMBER: 60/083322

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PRIOR

DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083496
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083499
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DR APPLICATION NUMBER: 60/083545
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APPLICATION NUMBER: 60/083558 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083559

OR FILING DATE: 1998-04-29
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OR FILING DATE: 1998-04-30
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OR APPLICATION NUMBER: 60/084316
OR APPLICATION NUMBER: 60/084414
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084441
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/084637
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmemb;
TITLE OF INVENTION: Acids Encoding the San
FILE REFERENCE: P2630P1C19
CURRENT APPLICATION NUMBER: US/09/978,665A
CURRENT FILLING DATE: 2001-10-16
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IOR FILING DATE: 2001-07-30
IOR APPLICATION NUMBER: 00/918585
IOR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-01
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OR FILING DATE: 1997-11-13
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OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077649
OR APPLICATION NUMBER: 60/077791
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OR FILING DATE: 1998-04-09
OR APPLICATION UNMBER: 60/081229
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OR APPLICATION NUMBER: 60/083495
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FILING DATE: 1998-04-15
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2001-10-16

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RESULT 586
US-09-978-802A-213
; Sequence 213, Applicat
; Publication No. US200:
; GENERAL INFORMATION:
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Matches 20
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APPLICANT:
APPLICANT:
       APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, p. Mickey
APPLICANT: Wood, Williams I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C20
CIREPERNCE: P2630P1C20
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APPLICANT:
CURRENT APPLICATION NUMBER: US/09/978,802A
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OR APPLICATION NUMBER: 60/085700
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APPLICATION NUMBER: 60/085582
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APPLICATION NUMBER: 60/085323
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Kuo, Sophia S.
Napier, Mary A.
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Godowski, Paul J.
Grimaldi, J. Christopher
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Gerritsen, Mary E.
Goddard, Audrey
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Hillan, Kenneth J
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f, Ellen
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Pred. No. 4.9e+02;
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RR APPLICATION NUMBER: 60/078939
R FILING DATE: 1998-03-20
R APPLICATION NUMBER: 60/079294
R APPLICATION NUMBER: 60/079656
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DR FILING DATE: 1998-03-13
DR APPLICATION NUMBER: 60/07886
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078936
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078910
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R FILING DATE: 1998-03-31
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R APPLICATION NUMBER: 60.
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FILING DATE: 1997-11-13
APPLICATION NUMBER: 60/066364
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FILING DATE: 2001-07-30
                     APPLICATION NUMBER: 60/081049 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081071 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081195
                                                                                                                                                                             FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080333
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334
FILING DATE: 1998-04-01
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FILING DATE: 1998-03-31
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FILING DATE: 1998-03-30
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APPLICATION NUMBER: 60/
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FILING DATE: 1998-04-08
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FILING DATE: 1998-03-31
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APPLICATION NUMBER: 60/080328
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60/080327 60/080194 60/080165

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US-10-164-749A-213
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CURRENT APPLICATION NUMBER: US/10/164,749A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILLING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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publication No. US200
GENERAL INFORMATION:
APPLICANT: AShkenazi
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Best Local S
Matches 20
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                                                                                                                               TITLE OF INVENTION: SecretariTITLE OF INVENTION: Acids FILE REFERENCE: P2630P1C60
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OR APPLICATION NUMBER: 60/085338
OR APPLICATION NUMBER: 60/085323
OR APPLICATION NUMBER: 60/085323
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08582
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085700
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08569
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08569
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085579
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085570
OR FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
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                                                                                                                                              T: Williams, P. Mickey
T: Wood, William I.
INVENTION: Secreted and Transmembrane
INVENTION: Acids Encoding the Same
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Grimaldi,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gao,
                                                                                                                                                                                                                                                                          Paoni,
                                                                                                                                                                                                                            Shelton, David L.
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                         Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                                                                                                                                             Tumas, Daniel
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Kuo, Sophia S.
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Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                             Napier,
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o. US20040029218A1
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                                                                                                                                                                                                                                                            Margaret Ann
                                                                                                                                                                                                                                                                                              James;
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                                                                                                                                                                                                                                                                               Nicholas
                                                                                                                                                                                                                                                                                                             Mary A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , Napoleon
Ef, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                           Audrey
                                                                                                                                                                                                                                                                                                                                                                                          J. Christopher
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Pred. No. 4.
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PRIOR PRIOR PRIOR

APPLICATION NUMBER: 60/083500 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083742 FILING DATE: 1998-04-30

APPLICATION NUMBER: 60/084366 FILING DATE: 1998-05-05

FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083559 FILING DATE: 1998-04-29

R APPLICATION NUMBER: 6
R FILING DATE: 1998-05R APPLICATION NUMBER: 6
R FILING DATE: 1998-05-

NUMBER: 60/

APPLICATION NUMBER: 60/084637 FILING DATE: 1998-05-07

1998-05-06

60/084441 60/084414

1998-05-07

60/084640

60/084639

APPLICATION NUMBER: 60/084643 FILING DATE: 1998-05-07 APPLICATION NUMBER: 60/ FILING DATE: 1998-05-07 APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER: FILING DATE: 1998-05 APPLICATION NUMBER: 60/ FILING DATE: 1998-05-07 APPLICATION NUMBER: FILING DATE: 1998-05

1998-05-07 1998-05-07

60/084627 60/084600 60/084598

PRIOR PRIOR

FILING DATE: APPLICATION 1

NUMBER: 60/083558

1998-04-29

APPLICATION NUMBER: 60/083545
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083554

APPLICATION NUMBER: FILING DATE: 1998-04

1998-04-29 1998-04-29

60/083499

FILING DATE:

APPLICATION NUMBER: 60/083495 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083496

FILING DATE:

1998-04-29

APPLICATION NUMBER: 60/083392 APPLICATION NUMBER: 60/083336 FILING DATE: 1998-04-27 APPLICATION NUMBER: 60/083322

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PRIOR PRIOR PRIOR

R APPLICATION NUMBER: 6
R FILING DATE: 1998-04R APPLICATION NUMBER: 6
R FILING DATE: 1998-04-

NUMBER: 60/082796

1998-04-23 1998-04-22 FILING DATE: 1998-04-21
APPLICATION NUMBER: 60/082704
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082804

FILING DATE:

1998-04-21

FILING DATE:

1998-04-15

APPLICATION NUMBER: 60/082569 APPLICATION NUMBER: 60/082568

FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082700

FILING DATE:

1998-04-22

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60/082797

APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081838

FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081955 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081229 APPLICATION NUMBER: 60/081203

1998-04-15 1998-04-09

APPLICATION NUMBER: 60/081817

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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C68
CURRENT APPLICATION NUMBER: US/09/999,831A
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
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US-09-999-831A-213
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Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 213, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local Similarity 87.0%;
Matches 20; Conservative
SEQ ID NO 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ashkenazi,
APPLICANT: Baker Kev:
APPLICANT: Botstein,
APPLICANT: Desnoyers
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PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
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PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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Godowski, Paul J.
Grimaldi, J. Christopher
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Desnoyers, Luc
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Hillan, Kenneth J
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f, Ellen
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Pred. No. 4.9e+02
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                                                                                                              ) OTHER INFORMATION: Synthetic oligonucleotide probe US-10-013-917A-213
                                                                                                                                                                                   Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 213, Application US/10013917A Publication No. US20040063921A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local (
                                                      Matches
                                                                                Query Match
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APPLICANT:
APPLICANT:
                                                                     Best Local
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                      APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C82
                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/013,917A
CURRENT FILING DATE: 2001-10-25
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                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                       TYPE: DNA
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                         2551 CTGACGTACCAGCTGTGCCACAC 2573
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20; Conservative
                                                                     Similarity
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Stewart, Timothy A.
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Filvaroff, Ellen
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Botstein, David
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Kuo, Sophia S.
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Hillan, Kenneth J
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                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                           James;
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                                                                                                                                                                                                                                                                                                                                                                                                          Nicholas F.
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                                                                    0.2%;
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                                                    Score 18.2; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 3
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Pred. No. 4.9e+02;
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                                                                                    DB 1;
                                                                                 Length 24;
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CURRENT APPLICATION NUMBER: US/09/999,834A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/07450
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
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; Sequence 213, Applic
; Publication No. US20
; GENERAL INFORMATION:
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C75
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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DR FILING DATE: 1998-03-20
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078936
DR APPLICATION NUMBER: 60/078910
DR APPLICATION NUMBER: 60/078939
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078939
DR APPLICATION NUMBER: 60/079294
DR APPLICATION NUMBER: 60/079294
  APPLICATION NUMBER: 60/079664
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079689
                                                                                  FILING DATE:
                                                                                                        FILING DATE: 1998-0: APPLICATION NUMBER:
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FILING DATE: 1998-03-13
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Filvaroff, 1
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Sophia S.
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ms, P. Mickey
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                                                                                  1998-03-26
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                                                                                                        60/079656
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OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-28
DR APPLICATION NUMBER: 60/083392
OR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083495
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083496
DR APPLICATION NUMBER: 60/083496
DR FILING DATE: 1998-04-29
DR FILING DATE: 1998-04-29
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OR APPLICATION NUMBER: 60/081071

OR FILING DATE: 1998-04-08

OR APPLICATION NUMBER: 60/081195

OR FILING DATE: 1998-04-08

OR APPLICATION NUMBER: 60/081203

OR APPLICATION NUMBER: 60/081203

OR APPLICATION NUMBER: 60/081229
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DR APPLICATION NUMBER: 60/079923
DR FILING DATE: 1998-03-30
DR APPLICATION NUMBER: 60/080105
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080107
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DR APPLICATION NUMBER: 60/082704

DR APPLICATION NUMBER: 60/082804

DR FILING DATE: 1998-04-22

DR PILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082700
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R EPLING DATE: 1998-03-27
R FILING DATE: 1998-03-27
R APPLICATION NUMBER: 60/07
R FILING DATE: 1998-03-27
R FILING DATE: 1998-03-27
R FILING DATE: 1998-03-27
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FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082796
FILING DATE: 1998-04-23
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081838
FILING DATE: 1998-04-15
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APPLICATION NUMBER: 60/081819
FILING DATE: 1998-04-15
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APPLICATION UNMER: 60/080334
FILING DATE: 1998-04-01
APPLICATION UNMER: 60/081070
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APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/081955
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APPLICATION NUMBER: 60/081049
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RESULT 591
US-10-162-521A-213
; Sequence 213, Application US/10162521A
; Publication No. US20030211092A1
; GENERAL INFORMATION:
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Matches 20; Conserv
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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DR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08580
OR APPLICATION NUMBER: 60/08580
OR APPLICATION NUMBER: 60/08580
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FILING DATE: 1998-04-29
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FILING DATE: 1998-04-29
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FILING DATE: 1998-05-06
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APPLICATION NUMBER: 60/
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
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FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/085582
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/085700
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                                                                                                                                                                    CTGACCTTCCAGCTGAGCCACAC 24
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                                                                                                                                                                                                                                                                                                   NUMBER: 60/085697
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RESULT 592
US-10-145-016A-213
; Sequence 213, Application US/10145016A
; Publication No. US20030203433A1
; GENERAL INFORMATION:

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                                                                                                                      US-10-162-521A-213
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NUMBER OF SEQ ID N
SEQ ID NO 213
LENGTH: 24
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
                                                      Query Match
Best Local Similarity
Matches 20; Conserv
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CURRENT FILING DATE: 2002-11-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C55
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                                                                                                                                                                                                                                                                                          PRIOR
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                                                                                                                                  ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                            FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
ning Prior Application data removed - See File Wrapper or PALM.
R OF SEQ ID NOS: 624
                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
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                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
                           2551 CTGACGTACCAGCTGTGCCACAC 2573
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Hillan, Kenneth J
Kljavin, Ivar
CTGACCTTCCAGCTGAGCCACAC 24
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Shelton, David L.
Stewart, Timothy A.
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                                                           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sophia S.
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                                                                       0.2%;
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                                                         Score 18.2; DB 1; Pred. No. 4.9e+02; 0; Mismatches 3
                                                                                         DB 1;
                                                                                      Length 24;
                                                            Indels
                                                            0
                                                            Gaps
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Ashkenazi, Avi

Baker Kevin P. Botstein, David

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RESULT 593
US-10-145-088A-213
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                                                                                                                                                                                                                     ; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-145-016A-213
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CURRENT APPLICATION NUMBER: US/10/145,016A

CURRENT FILING DATE: 2001-10-18

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR APPLICATION NUMBER: 60/064311

PRIOR APPLICATION NUMBER: 60/065311
                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                                                                                                                              Query Match 0.2%;
Best Local Similarity 87.0%;
                                                                                                                                                 Matches
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION:
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APPLICANT: Williams, P. Mickey
APPLICANT: William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/077632
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                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                           2551 CTGACGTACCAGCTGTGCCACAC 2573
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                                                                       CTGACCTTCCAGCTGAGCCACAC 24
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Shelton, David L.
Stewart, Timothy A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Paoni,
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                                                                                                                                               Conservative
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                                                                                                                                             0; Mismatches
                                                                                                                                                              Score 18.2; DB 1
Pred. No. 4.9e+02
                                                                                                                                                                                                                                                                                                                                                                 See File Wrapper or PALM
                                                                                                                                                                               DB 1; Length 24;
                                                                                                                                               Indels
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PRIOR FILING DATE: 1998-03-10

PRIOR PELICATION NUMBER: 60/077632

PRIOR APPLICATION NUMBER: 60/077641

PRIOR APPLICATION NUMBER: 60/077641

PRIOR PILING DATE: 1998-03-11

PRIOR PILING DATE: 1998-03-11

PRIOR PILING DATE: 1998-03-12

PRIOR PILING DATE: 1998-03-12

PRIOR PILING DATE: 1998-03-12

PRIOR PILING DATE: 1998-03-12

Remaining Prior Application data removed - See NUMBER OF SEQ ID NOS: 624

TYPE: DNA

TYPE: DNA

TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C49
CURRENT APPLICATION NUMBER: US/10/145,088A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/62250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/66250
PRIOR APPLICATION NUMBER: 60/062311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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APPLICANT: Ashkenazi, Avi
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                                                                         Matches
                                                                                                         Query Match
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                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                     OTHER INFORMATION: Synthetic oligonucleotide
                   2551 CTGACGTACCAGCTGTGCCACAC 2573
                                                                       20;
                                                                                             Similarity
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Stewart, Timothy A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Baker Kevin P.
Botstein, David
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/10145088A o. US20030203434A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Napier, Mary A.
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                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Margaret Ann
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f, Ellen
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                                                                                           0.2%;
                                                                         0
                                                                                         Score 18.2; DB 1;
Pred. No. 4.9e+02;
                                                                           Mismatches
                                                                                                                                                                                                                                                                                                        See File Wrapper or
                                                                                                                                                                     probe
                                                                                                             Length 24;
                                                                           Indels
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RESULT 594 US-10-145-092A-213

Sequence 213, Application US/10145092A Publication No. US20030203435A1

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SEQ ID NO 213
LENGTH: 24
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                                      Query Match
Best Local Similarity
Matches 20; Conserv
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APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
TITLE OP INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OP INVENTION: Acids Encoding the Same
TITLE OP INVENTION: Acids Encoding the Same
CURRENT APPLICATION NUMBER: US/10/145,092A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
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APPLICANT: Baker Kevin P
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
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PRIOR APPLICATION NUMBER: 60/066364
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                                                                                                                                            OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
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APPLICATION NUMBER: 60/077632
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2551 CTGACGTACCAGCTGTGCCACAC 2573
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Botstein, David
Desnoyers, Luc
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Williams, P. Mickey
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Shelton, David L.
Stewart, Timothy A.
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Gao, Wei-Qiang
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Filvaroff, Ellen
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                                        Conservative
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                                      0.2%; Score 18.2; DB 1; Length 24; 87.0%; Pred. No. 4.9e+02; ative 0; Mismatches 3; Indels
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US-10-145-129A-213
                                                   ; OTHER INFORMATION: US-10-145-129A-213
                                                                                                                                                       Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 213, Applia Publication No. US2 GENERAL INFORMATION
Query Match
Best Local Similarity
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CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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APPLICANT:
APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION UNMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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                                                                                    LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/077632
                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/077450
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                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/077791
                                                                                                                                                                                                                                                   FILING DATE: 1998-03-
                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/077649
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                                                                                                                                                                                                                                                                                                                         FILING DATE:
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Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Filvaroff, Ellen
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Sophia S.
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                                                                    Synthetic oligonucleotide probe
 Score 18.2; DB 1;
Pred. No. 4.9e+02;
                  Length 24;
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RESULT 596
US-10-165-038A-213
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-038A-213
                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/165,038A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
                                                                                            Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
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APPLICANT: Ashkenazi, Avi
APPLICANT: Ashkenazi, Avi
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C29
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-10
                                                                                                                                                                  PRIOR FILING DATE: 1998-03-12
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                                          TYPE: DNA ORGANISM: Artificial Sequence
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/077632 FILING DATE: 1998-03-11
                                                                                                                                                                                                                  FILING DATE: 1998-03-1
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Goddard, Audrey
Goddward, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Desnoyers, Luc
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US-10-165-353A-213
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Best Local Similarity
Matches 20; Conserv
            Remaining Prior Application data
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
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APPLICANT: Ashkenazi, Avi
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C40
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US/10/165,353A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
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PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/065311
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                   FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
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Stewart, Timothy A.
Tumas, Daniel
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gerritsen, Mary E.
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Sophia S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sherman
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ff, Ellen
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Pred. No. 4.9e+02;
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                                                                                    See File Wrapper
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C35
CURRENT APPLICATION NUMBER: US/10/167,600
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR RILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062311
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06331
PRIOR APPLICATION NUMBER: 60/066364
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-165-353A-213
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US-10-167-600-213
                                                PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077791
PRIOR PILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
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APPLICANT:
APPLICANT:
SEQ ID NO 213
                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION DATE: 1998-03-11
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APPLICANT: Baker Kevin P
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               Remaining Prior F
NUMBER OF SEQ ID
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                                                                                                                                                                                                                      FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450
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Botstein, David
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Wood, William I.
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Stewart, Timothy A.
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Grimaldi, J. Christopher
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Gerritsen, Mary E.
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Filvaroff, Ellen
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b. US20030203443A1
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                 Application data removed - See File Wrapper or PALM NOS: 624
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Sophia S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mary A.
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Pred. No. 4.9e
0; Mismatches
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4.9e+02;
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ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-600-213
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            PRIOR APPLICATION NUMBER: 09/916585
PRIOR FILING DATE: 2001-07-30
PRIOR PELING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-31
PRIOR APPLICATION NUMBER: 60/06331
PRIOR PILING DATE: 1997-11-31
PRIOR PILING DATE: 1997-11-31
PRIOR PILING DATE: 1997-11-31
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
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Best Local Similarity
Matches 20; Conserv
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APPLICANT:
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APPLICANT: Wood, William I.
TITLE OP INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OP INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C53
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2002-10-10
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Goddard, Audrey
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Filvaroff, Ellen
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Botstein, David
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Stewart, Timothy A.
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Hillan, Kenneth C
Kljavin, Ivar J.
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Grimaldi, J. Christopher
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1998-03-
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Pred. No. 4.9e
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RESULT 600
US-10-172-039A-213
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                                                                                                 PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/0677450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
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Best Local Similarity
Matches 20; Conserv
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SEQ ID NO 213
LENGTH: 24
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C30
CURRENT APPLICATION NUMBER: US/10/172,039A
CURRENT FILING DATE: 2002-10-10
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ORGANISM: Artificial Sequence
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                                                               APPLICATION NUMBER: 60/077450
PILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
                                                  FILING DATE: 1998-03-1:
              APPLICATION NUMBER: 60/077641 FILING DATE: 1998-03-11
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Shelton, David L.
Stewart, Timothy A.
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Gurney, Austin L.
Hillan, Kenneth J
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Filvaroff, Ellen
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Botstein, David
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ilarity 87.0%;
Conservative
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NUMBER: 60/077649
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Pred. No. 4.9e+02;
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US-10-210-028-213
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
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APPLICANT: Ashkenazi, Avi
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Best Local Similarity 87.0%;
                                                                                                                                  TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C52 CURRENT APPLICATION NUMBER: US/10/210,028 CURRENT FILING DATE: 2001-10-18 PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 2001-07-30 PRIOR FILING DATE: 2001-07-30 PRIOR APPLICATION NUMBER: 60/062250 PRIOR APPLICATION NUMBER: 60/062250 PRIOR APPLICATION NUMBER: 60/064249 PRIOR APPLICATION NUMBER: 60/064249 PRIOR FILING DATE: 1997-11-03 PRIOR FILING DATE: 1997-11-03 PRIOR FILING DATE: 1997-11-03
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                                              PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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ORGANISM: Artificial Sequence
FEATURE:
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              APPLICATION NUMBER: 60/077632
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 FILING DATE:
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Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, William I.
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Hillan, Kenneth J
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Grimaldi,
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Filvaroff,
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b. US20030203446A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      javin,
                                                                                                                                                                                                                                                                                                                                                                                                                                Margaret Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      James;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sophia S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sherman
1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Napoleon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ivar J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pau.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            J. Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
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Pred. No. 4.9e+02
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RESULT 602
US-10-314-578-60
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                                                                                                                                                          RESULT 603
US-10-017-081A-213
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                                                                                                                                                                                                                                                                                                                                                                                   US-10-314-578-60
                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 60
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 60, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
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Best Local Similarity 87.0%;
Matches 20; Conservative
                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                      Sequence 213, Application US/10017081A Publication No. US20030049684A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
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PRIOR FILING DATE: 1998-03-12
Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
                                               APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1999-09-27
PRIOR FELICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
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PRIOR FILING DATE: 1998-03-11
                                 APPLICANT:
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FILING DATE: 1998-03-11
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             Desnoyers, Luc
Eaton, Dan
Ferrara,
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Napoleon
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Pred. No. 4.9e+02
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Pred. No. 4.9e+02;
D; Mismatches 3;
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SOPTWARE: FASTSEQ FOR WINDOWS Version 3.0
SEQ ID NO 54
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: PROTRE: INFORMATION: Synthetic Oligonucleotide
US-10-112-653-54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/017,081A
CURRENT FILING DATE: 2002-04-30
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-081A-213
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Query Match
Best Local Similarity
Matches 20; Conserv
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT: Berg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILLING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
RUMBER OF SEQ ID NOS: 1040
NUMBER OF SEQ ID NOS: 1040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C69
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Gao, Wei-Qiang
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Kuo, Sophia S.
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   Conservative
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                                                                                    Synthetic Oligonucleotide
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Pred. No. 4.9e+02;
0; Mismatches
   Score 18.2; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 3;
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APPLICANT: Bratzler, Robert L.

APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Aci
FILE REFERENCE: C1037/7025 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/10/017,995

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR FILING DATE: 2000-12-14

NUMBER OF SEG ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 60

LENGTH: 24
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US-10-017-995-60
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Best Local
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APPLICANT:
APPLICANT:
                                         APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, Davi
CURRENT APPLICATION NUMBER: US/10/167,749
CURRENT FILING DATE: 20C1-10-19
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                                   FILE REFERENCE: P2630P1C60
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ORGANISM: Artificial Sequence
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Local Similarity 87.0%;
hes 20; Conservative
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Shelton, David L.
Stewart, Timothy A.
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Filvaroff,
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Kljavin, Ivar J.
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                                                                                                                                                                                                   Paoni,
                                                                                                                                                                                                                        Pan,
                                                                                                                                                                                                                                                      Kuo, Sophia S.
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f, Ellen
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Pred. No. 4.9e+02;
0; Mismatches 3
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SEQ ID NO 213
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
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APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
                 APPLICANT:
TITLE OF IN
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PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
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FILING DATE: 1997-11-13
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T: Williams, P. Mickey
T: Wood, William I.
INVENTION: Secreted and Transmembrane Polypeptides and Nucleic INVENTION: Acids Encoding the Same
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                                                                            Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Botstein, David
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Grimaldi, J. Christopher
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Filvaroff, Ellen
                                                                                                                             Paoni,
                                                                                                                                                           Napier, Mary A.
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o. US20030068648A1
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                                                                                                                                             James;
                                                                                                            Margaret Ann
                                                                                                                                                                        Sophia S.
                                                                                                                              Nicholas F
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Pred. No. 4.9e+02;
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US-10-013-929A-213

Sequence 213, Applic
Publication No. US20
GENERAL INFORMATION:
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Best Local :
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
                                                                    CURRENT APPLICATION NUMBER: US/10/013,929A CURRENT FILING DATE: 2002-03-19
                                                                                                         APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C89
                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085700
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085689
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085579
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085580
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085573
DR APPLICATION NUMBER: 60/085573
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APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
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Gerritsen, Mary E.
Geddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Williams, P. Mickey
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Botstein, David
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o. US20030072745A1
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                                                                                                                                                                                                                                                                                                                               vin, Ivar J.
Sophia S.
                                                                                                                                                                                                                                                                                              James;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER: 60/085697
                                                                                                                                                                                                                                                                             Nicholas F.
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Pred. No. 4.
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OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066364
OR APPLICATION NUMBER: 60/077450
OR APPLICATION NUMBER: 60/077450
                                                                                                                                                                                 APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/081070 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081049
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APPLICATION NUMBER: 60/080333
FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
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FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107
FILING DATE: 1998-03-31
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APPLICATION NUMBER: 60/079786
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079920
FILING DATE: 1998-03-30
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APPLICATION NUMBER: 60/079689
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663
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FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079664
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APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294
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APPLICATION NUMBER: 60/078886
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078936
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
                 FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081229
FILING DATE: 1998-04-09
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APPLICATION NUMBER: 60/081195
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081203
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FILING DATE: 1998-03-30
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APPLICATION NUMBER: 60/079728
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APPLICATION NUMBER: 60/078910
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FILING DATE: 1998-03-12
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APPLICATION NUMBER: 60/081071
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DR FILING DATE: 1998-05-07

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DR FILING DATE: 1998-05-13

DR APPLICATION NUMBER: 60/085338

DR FILING DATE: 1998-05-13

DR APPLICATION NUMBER: 60/085323
                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/084639
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084640
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084598
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FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/083496
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083499
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APPLICATION NUMBER: 60/083392
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083495
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APPLICATION NUMBER: 60/082569
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APPLICATION NUMBER: 60/084627
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084643
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APPLICATION NUMBER: 60/084366
FILING DATE: 1998-05-05
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FILING DATE: 1998-04-29
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FILING DATE: 1998-04-27
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APPLICATION NUMBER: 60/083559
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APPLICATION NUMBER: 60/083558
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Score 18.2;

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Prior application removed - See
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic ol
US-10-016-177A-213
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APPLICANT: William I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: PEGGOPICSO
CURRENT APPLICATION NUMBER: US/10/016,177A
CURRENT FILING DATE: 2002-04-30
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OR PILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085579
OR PILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08573
OR APPLICATION NUMBER: 60/08573
OR APPLICATION NUMBER: 60/085704
OR APPLICATION NUMBER: 60/085704
OR PILING DATE: 1998-05-15
OR PILING DATE: 1998-05-15
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Botstein, David
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gao, Wei-Qiang
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                                                                                                                                                                                                                                                                                                                                                                                                    Sophia S.
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                                           Synthetic oligonucleotide probe
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Pred. No. 4.9e+02
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DB 1; Length 24;
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RESULT 610
US-10-166-709A-213
Sequence 213, App
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CURRENT APPLICATION NUMBER: US/10/166,709A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PPLICATION NUMBER: 09/062250
PRIOR FILING DATE: 1997-10-17
PRIOR PRILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06331
PRIOR APPLICATION NUMBER: 60/06364
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/077450
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APPLICANT: Ashkenazi, Avi
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OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR FILING DATE: 1998-03-11
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R APPLICATION NUMBER: 60/0
R FILING DATE: 1998-03-13
R APPLICATION NUMBER: 60/0
R FILING DATE: 1998-03-20
R FILING DATE:
R APPLICATION N
R FILING DATE:
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CANT: Williams, P. Mickey
CANT: Mood, William I.
OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                             APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
                                                           APPLICATION NUMBER: 60/078936
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Stewart, Timothy A.
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Roy, Margaret Ann
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Kljavin, Ivar J.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Goddard, Audrey
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o. US20030104536A1
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                                                                                                                                               NUMBER: 60/078004
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                 : 1998-03-20
NUMBER: 60/078910
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0; Mismatches 3;
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PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR FILING DATE: 1998-04-08
PRIOR PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR PRIOR PRIOR NUMBER: 60/081229
PRIOR APPLICATION NUMBER: 60/081229
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OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
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DR FILLING DATE: 1998-03-27
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DR APPLICATION NUMBER: 60/079786
DR FILLING DATE: 1998-03-27
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DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/0:
DR FILING DATE: 1998-03-25
DR APPLICATION NUMBER: 60/0:
DR FILING DATE: 1998-03-26
                                                         FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082700
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082797
FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/081838
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/082568
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081952
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APPLICATION NUMBER: 60/080107
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FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/079923
FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/080105
                   APPLICATION I
FILING DATE:
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APPLICATION NUMBER: 60/082804
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APPLICATION NUMBER: 60/082569
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APPLICATION NUMBER: 60/081070
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APPLICATION NUMBER: 60/080333
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                   NUMBER: 60/082796: 1998-04-23
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FILING DATE: 1998-04-27

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Best Local
                                                                           Matches
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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APPLICATION NUMBER: 60/085573
FILING DATE: 1998-05-15
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FILING DATE: 1998-04-29
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APPLICATION NUMBER: 60/085689
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FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/084640
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APPLICATION NUMBER: 60/083558
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APPLICATION NUMBER: 60/083392
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/084598
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APPLICATION NUMBER: 60/084639
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                             2551 CTGACGTACCAGCTGTGCCACAC 2573
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                                                                       h 0.2%;
Similarity 87.0%;
20; Conservative
CTGACCTTCCAGCTGAGCCACAC 24
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                                                                         0;
                                                                     Score 18.2; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 3
                                                                                                             DB 1;
                                                                                                           Length 24;
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RESULT 611'5' ...
US-10-143-031A-213
                                                                                                    ; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-031A-213
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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NUMBER OF SEQ II
SEQ ID NO 213
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                                Query Match
Best Local Similarity
Matches 20; Conserv
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APPLICANT:
APPLICANT:
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APPLICANT: Stewart, Timochy A.
APPLICANT: Tunas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C39
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                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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                                                                                                                                        LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
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2551 CTGACGTACCAGCTGTGCCACAC 2573
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                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                   FILING DATE: 1998-03-11
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Paoni,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Goddard, Audrey
                                                                                                                                                                                                                            or Application data removed - See File Wrapper or PALM.
ID NOS: 624
                                    Conservative
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f, Ellen
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                                Score 18.2; DB 1,
Pred. No. 4.9e+02
0; Mismatches
                                                                     DB 1;
                                                                 Length 24;
                                    Indels
                                    0
                                    Gaps
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RESULT 612 US-10-143-030A-213 밁

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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-030A-213
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CURRENT APPLICATION NUMBER: US/10/143,030A

CURRENT FILING DATE: 2002-08-27

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR PRILING DATE: 1997-10-17

PRIOR PILING DATE: 1997-10-17

PRIOR PILING DATE: 1997-11-03

PRIOR PILING DATE: 1997-11-03

PRIOR PILING DATE: 1997-11-03

PRIOR PILING DATE: 1997-11-13

PRIOR PILING DATE: 1997-11-13

PRIOR PILING DATE: 1997-11-13
                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/06
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/07
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/07
PRIOR APPLICATION NUMBER: 61/07
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                      TYPE: DNA
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FILING DATE: 1997-11-21
                                                                                                                                                                                                                                                                                                          FILING DATE: 1998-03-
                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/077649
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Shelton, David L.
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Filvaroff, Ellen
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Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           James;
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  0.2%;
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  Score 18.2; DB 1;
Pred. No. 4.9e+02;
                    Length 24;
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucl
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630F1C72
CURRENT APPLICATION NUMBER: US/10/002,967A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 00/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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US-10-002-967A-213
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              DR APPLICATION NUMBER: 60/078886
DR FILING DATE: 1998-03-20
DR PRICATION NUMBER: 60/078936
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078910
DR FILING DATE: 1998-03-20
DR FILING DATE: 1998-03-20
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APPLICATION NUMBER:
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FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/078004
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Grimaldi,
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Eaton, Dan
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Stewart, Timothy A.
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Filvaroff, Ellen
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Kljavin, Ivar J.
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o. US20030148373A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   James;
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NUMBER: 60/078939
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      J. Christopher
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Query Match
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R FPLICATION NUMBER: 60/083558
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APPLICATION NUMBER: 60/084637
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084639
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    Score 18.2; D
Pred. No. 4.9e
0; Mismatches
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PRIOR

NUMBER: 60/080334 : 1998-04-01 NUMBER: 60/080333 NUMBER: 60/080328 NUMBER: 60/080327

60/081070

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1998-04-08

NUMBER: 60/081229 1998-04-09 1998-04-08

NUMBER: 60/081955

1998-04-09

DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/08
DR APPLICATION NUMBER: 60/08
DR APPLICATION NUMBER: 60/08
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/08
DR FILING DATE: 1998-04-01
DR APPLICATION NUMBER: 60/08
DR FILING DATE: 1998-04-08

NUMBER: 60/080194: 1998-03-31

NUMBER: 60/080165

R FILING DATE:
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R FILING DATE:
R APPLICATION N

NUMBER: NUMBER:

60/079920 60/079786

1998-03-27

APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/

NUMBER: 60/079728 NUMBER: 60/079663

1998-03-27

APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27

DATE: 1998-03-

60/079664

ATION NUMBER: 60/079689 DATE: 1998-03-27

FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-25 APPLICATION NUMBER: 60/

60/079294 /079656

FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/079923
FILING DATE: 1998-03-30
APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31

FILING DATE:

NUMBER:

60/080107

OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081819
OR PILING DATE: 1998-04-15
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR APPLICATION NUMBER: 60/082569
OR APPLICATION NUMBER: 60/082704
OR APPLICATION NUMBER: 60/082704
OR PILING DATE: 1998-04-22

밁 S 2551 CTGACCTTCCAGCTGAGCCACAC CTGACGTACCAGCTGTGCCACAC 2573 24

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082804

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082700

DR FILING DATE: 1998-04-22

DR FILING DATE: 1998-04-22

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082797

DR APPLICATION NUMBER: 60/082796

DR APPLICATION NUMBER: 60/082796

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                                                                                                                                                                                                                                               RESULT 615
                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-017-083A-213
                                                                                                                 Sequence 213, Application US/10145128A
Publication No. US20030157615A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
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CURRENT APPLICATION NUMBER: US/10/017,083A
CURRENT FILING DATE: 2001-10-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wold, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                            APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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nes 20; Conserv
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Goddard, Audrey
                                    Fong, Sherman
Gao, Wei-Qiang
                                                                        Ferrara, Napoleon
Filvaroff, Ellen
                                                                                                      Eaton, Dan
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Stewart, Timothy A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Paoni,
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Grimaldi, J. Christopher
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Filvaroff, Ellen
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           Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                    0.2%;
                                                                                                                                                                                                                                                                                                                                                     Score 18.2; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
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RESULT 616
US-10-017-191A-213
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CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local S
Matches 20
                                    APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, Davi
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                                                                                                    Sequence 213, Application US/10 Publication No. US20030170254A1 GENERAL INFORMATION:
APPLICANT:
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APPLICANT:
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PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                    2551 CTGACGTACCAGCTGTGCCACAC 2573
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                                                                                                                                                                                                                                                                                                                                                                               Similarity
                                                     Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Filvaroff, Ellen
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Hillan, Kenneth J
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                                                                                                                                                                             Application US/10017191A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                P. Mickey
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                                                                                                                                                                                                                                                                                                                                                                           0.2%; Score 18.2; DB 1
87.0%; Pred. No. 4.9e+02;
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APPLICANT:

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                                            PRIOR
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CURRENT APPLICATION NUMBER: US/10/017,191A
CURRENT FILING DATE: 2001-10-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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RIOR FILING DATE: 2001-10-24
RIOR APPLICATION NUMBER: 09/918585
RIOR FILING DATE: 2001-07-30
RIOR PILING DATE: 1997-10-17
RIOR APPLICATION NUMBER: 60/062250
ROR APPLICATION NUMBER: 60/064249
ROR FILING DATE: 1997-11-03
ROR APPLICATION NUMBER: 60/065311
REFILING DATE: 1997-11-13
REFILING DATE: 1997-11-13
REFILING DATE: 1997-11-13
                                                                                                                                                                                                                                                                                     OR APPLICATION NUMBER: 60/078910
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
OR APPLICATION NUMBER: 60/079664
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079664
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
                                                                                                                          JR FILING DATE: 1998-03-27

JR APPLICATION NUMBER: 60/079663

JR FILING DATE: 1998-03-27

JR APPLICATION NUMBER: 60/079728

JR FILING DATE: 1998-03-27

DR APPLICATION NUMBER: 60/079786

DR FILING DATE: 1998-03-27

DR PILING DATE: 1998-03-27
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OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-13
OR APPLICATION NUMBER: 60/078886
OR FILING DATE: 1998-03-20
OR FILING DATE: 1998-03-20
OR FILING DATE: 1998-03-20
OR FILING DATE: 1998-03-27

OR APPLICATION NUMBER: 60/079920

DR FILING DATE: 1998-03-30

OR PILING DATE: 1998-03-30

DR APPLICATION NUMBER: 60/079923

DR PILING DATE: 1998-03-30

DR PILING DATE: 1998-03-31
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FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450
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APPLICATION N
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APPLICATION 1
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Kuo, Sophia S.
Napier, Mary A.
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
Gullan, Kenneth J
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Gerritsen, Mary E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Williams, P. Mickey Wood, William I.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DATE: 1998-03-1
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OR APPLICATION NUMBER: 60/083336
OR APPLICATION NUMBER: 60/083322
OR PILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083392
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554
OR APPLICATION NUMBER: 60/083554
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083558
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083558
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APPLICATION NUMBER: 60/
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FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/
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FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081838
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081819
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APPLICATION NUMBER:
FILING DATE: 1998-0
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APPLICATION WIMBER: 60/081203
FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/081229
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APPLICATION NUMBER: 60/081071
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081195
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APPLICATION NUMBER: 60/081070
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081049
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FILING DATE: 1998-04-01
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FILING DATE: 1998-04-21
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APPLICATION NUMBER: 60/
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US-10-143-028A-213
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Exton, Dan
APPLICANT: Ferrara, Napole
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Best Local
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                                             APPLICANT:
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APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085579
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085338
FILING DATE: 1998-05-13
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084643
FILING DATE: 1998-05-07
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084639
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APPLICATION NUMBER: 60/
FILING DATE: 1998-05-06
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APPLICATION NUMBER:
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APPLICATION NUMBER: 60/
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Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Botstein, David
Desnoyers, Luc
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                                                                                                                      Fong,
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lo. US20030180310A1
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Pred. No. 4.9e+02
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Fong, Gao, Wei-Qiang Gao, Wei-Qiang Gerber, Hanspeter Gerber, Mary E.

Ferrara, Desnoyers, Luc Eaton, Dan Botstein, David

Napoleon

Baker Kevin P.

Application US/10143029A o. US20030180311A1

Filvaroff, Ellen

Gerritsen, Mary Goddard, Audrey

Goddard,

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RESULT 618
US-10-143-029A-213
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APPLICANT: Williams, Daniel
APPLICANT: Williams, D. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P6509P1C37
CURRENT APPLICATION NUMBER: US/10/143,028A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/91858
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064211
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR PILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077649
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PRIOR APPLICATION NUMBER: 60/077649
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LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
                                                                                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                 Local
                                                                                     20;
                                                                                                                                                                                          0.2%;
Similarity 87.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kljavin, Ivar
Kuo, Sophia S.
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                                                                                                                                                                             Conservative
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                                                                                                                                                                                                 Score 18.2; DB 1;
Pred. No. 4.9e+02;
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                                                                                                                                                                               Mismatches
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                                                                                                                                                                                                                        DB 1;
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                                                                                                                                                                               Indels
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CURRENT APPLICATION NUMBER: US/10/143,029A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR PPLICATION NUMBER: 60/077450
PRIOR PPLICATION NUMBER: 60/077450
PRIOR PPLICATION NUMBER: 60/077632
PRIOR PPLICATION NUMBER: 60/077641
PRIOR PPLICATION NUMBER: 60/077641
PRIOR PPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-12
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
OR APPLICATION NUMBER: 60/079786
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR APPLICATION NUMBER: 60/080105
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080105
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
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FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
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Kuo, Sophia S.
Napier, Mary A.
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Stewart, Timothy A.
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NUMBER: 60/079728
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OR FILING DATE: 1998-04-27
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-28
OR APPLICATION NUMBER: 60/083392
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083555
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083554
OR APPLICATION NUMBER: 60/083558
OR FILING DATE: 1998-04-29
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        R FILING DATE: 1998-04-29
R APPLICATION NUMBER: 60/00
R FILING DATE: 1998-04-29
RR APPLICATION NUMBER: 60/00
RR FILING DATE: 1998-04-30
RR APPLICATION NUMBER: 60/00
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R FILING DATE: 1998-04-09
R FILING DATE: 1998-04-09
R APPLICATION NUMBER: 60/08
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R FILING DATE: 1998-04
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APPLICATION NUMBER:
FILING DATE: 1998-0-
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APPLICATION NUMBER: 60/082568
RILING DATE: 1998-04-21
APPLICATION NUMBER: 60/082569
FILING DATE: 1998-04-21
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FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/0
FILING DATE: 1998-04-23
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FILING DATE: 1998-04-22
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FILING DATE: 1998-04-01
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FILING DATE: 1998-04-
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FILING DATE: 1998-04-22
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085582
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085338
FILING DATE: 1998-05-13
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APPLICATION NUMBER:
FILING DATE: 1998-09
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084639
FILING DATE: 1998-05-07
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FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/084643
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APPLICATION NUMBER:
FILING DATE: 1998-05
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20; Conserv
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Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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                                                             Gurney, Austin L.
Hillan, Kenneth J
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Eaton, Dan
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Botstein, David
          Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
                                                                                                                                                                                       Gao,
                                                                                                                                                                                                    Fong,
                                                                                                                                                                                                                                                                                                                                                             Application US/10145089A o. US20030180867A1
                                             Kljavin,
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nilarity 87.0%;
Conservative (
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Pred. No. 4.9e+02;
0; Mismatches 3
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US-10-165-067A-213
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PRIOR PILING DATE: 2001-07-30
PRIOR PELLING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILLING DATE: 1997-11-03
PRIOR PELLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066361
PRIOR FILLING DATE: 1997-11-13
PRIOR PILLING DATE: 1997-11-13
PRIOR PILLING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
                                                                                                                                                                                                    APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                             Sequence 213, Appublication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
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CURRENT FILING DATE: 2002-09-04
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C31
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APPLICANT
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Shelton, David L.
Stewart, Timothy !
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            Gurney, Austin L.
Hillan, Kenneth J
                                           Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                               Gerritsen, Mary E.
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Botstein, David
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                                                                                 Goddard, Audrey
                                                                                                                                                                     Filvaroff,
                                                                                                                                                                                                                    Desnoyers, Luc
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o. US20030185841A1
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                                                                                                                                                                     , Napoleon
ff, Ellen
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Pred. No. 4.9e+02
0; Mismatches
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DB 1;

Length 24; Indels

0,

Gaps

0,

probe

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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Besnoyers, Luc
APPLICANT: Eston, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
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US-10-165-067A-213
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                                                                                                                                                                                                                                                                           Sequence 213, A Publication No.
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Best Local (
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
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PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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APPLICANT:
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ORGANISM: Artificial Sequence
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Local Similarity 87.0%;
hes 20; Conservative (
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Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Andrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Shelton, David L.
Stewart, Timothy A.
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                                                                                                                                              Ferrara, Napoleon
Filvaroff, Ellen
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o. US20030186365A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mary A.
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Pred. No. 4.9e+02
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Sequence 213, Application US/10164728A Publication No. US20030186368A1 GENERAL INFORMATION:

APPLICANT:

Baker Kevin P.
Botstein, David

APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:

APPLICANT

APPLICANT:
APPLICANT:

Desnoyers, Luc Baton, Dan Ferrara, Napoleon Filvaroff, Ellen Fong, Sherman Gao, Wei-Qiang Gerber, Hanspeter Gerritsen, Mary E.

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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-145-017A-213
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/66250
PRIOR APPLICATION NUMBER: 60/66249
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/66249
PRIOR APPLICATION NUMBER: 60/66311
PRIOR APPLICATION NUMBER: 60/66311
PRIOR FILING DATE: 1997-11-13
US-10-164-728A-213
                     RESULT 622
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PRIOR FILING DATE: 1998-03-10
PRIOR PELICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                        SEQ ID NO 213
LENOTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                     Query Match 0.2%;
Best Local Similarity 87.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/077791
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APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
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Williams, P. Mickey
Wood, William I.
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Stewart, Timothy A.
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                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Margaret Ann
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                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                     Score 18.2; DB 1;
Pred. No. 4.9e+02;
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                                                                                                                                                                                                          Length 24;
                                                                                                                                                                      Indels
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RESULT 0.23
US-10-013-926A-213
(Sequence 213, Application US/10013926A
Publication No. US20030187241A1
(GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064311
PRIOR APPLICATION NUMBER: 60/065311
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                                                                                                                                                                                                                                                                                                                                               Matches
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                APPLICANT:
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 624
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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 PPLICANT:
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APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
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FILING DATE: 1998-03-11
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20; Conserv
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
                Ferrara, Napoleon Filvaroff, Ellen
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Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                                                             Conservative
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Sherman
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                                                                                                                                                                                                                                                                                                                                                          0.2%;
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Pred. No. 4.
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US-10-165-247A-213
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                                                                                      Sequence 213, Application US/10165247A Publication No. US20030190321A1 GENERAL INFORMATION:
                APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, Davi
APPLICANT: Desnoyers, Luc
   APPLICANT:
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Eaton, Dan

Botstein, David Desnoyers, Luc

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; FEATURE: ; OTHER INFORMATION: Synthetic oligonucleotide US-10-013-926A-213
                                                                       Query Match
Best Local S
Matches 20
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SEQ ID NO 213
LENGTH: 24
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CURRENT APPLICATION NUMBER: U$/10/013,926A
CURRENT FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/66250
PRIOR FILING DATE: 1997-11-017
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PPLICANT
                           2551 CTGACGTACCAGCTGTGCCACAC 2573
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                                                                           20;
                                                                                           Similarity
CTGACCTTCCAGCTGAGCCACAC 24
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Goddard, Audrey
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Grimaldi,
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Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Roy, Margaret Ann
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Hillan, Kenneth J
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                                                                           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Paul
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                                                                                           0.2%;
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                                                                         Score 18.2; DB 1
Pred. No. 4.9e+02
0; Mismatches
                                                                                                               DB 1; Length 24;
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C41
CURRENT APPLICATION NUMBER: US/10/165,247A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/06249
PRIOR FILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-10
                                                                                                RESULT 625
US-10-145-124A-213
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Sequence 213, Application US/10145124A Phblication No. US20030190701A1 GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi APPLICANT: Baker Kevin P. . . .
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SEQ ID NO 213
                                                                                                                                                                                                                                                             Matches
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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TYPE: DNA
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                                                                                                                                                                                                                                                                              Match 0.2%;
Local Similarity 87.0%;
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                                                                                                                                                                                                          2551 CTGACGTACCAGCTGTGCCACAC 2573
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Shelton, David L.
Stewart, Timothy A.
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Williams, P. Mickey
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Godowski, Paul J.
Grimaldi, J. Christopher
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Wood, William I
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Kuo, Sophia S.
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Hillan, Kenneth J
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                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                           0
                                                                                                                                                                                                                                                                                Score 18.2; DB 1;
Pred. No. 4.9e+02;
                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  See File Wrapper or PALM
                                                                                                                                                                                                                                                                                                     DB 1;
                                                                                                                                                                                                                                                                                                Length 24;
                                                                                                                                                                                                                                                             Indels
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucl
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C44
CURRENT APPLICATION UNMERS: US/10/145,124A
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: 09/91585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062249
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
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                                                                                                                                   ; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-145-124A-213
                                                                      Best Loc
Matches
                                                                                                                                                                                                                    Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                                                                    Query Match
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
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PRIOR
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                                                                                                                                                                    ORGANISM: Artificial FEATURE:
                                                                                                                                                                                                        TYPE: DNA
                                                                                     Local
                                                                                                                                                                                                                                                                                                            FILING DATE: 1998-03-1 APPLICATION NUMBER: 60
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/077450 FILING DATE: 1998-03-10
                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/077649
                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1998-03-1
                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/077641
                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/077632
                        2551 CTGACGTACCAGCTGTGCCACAC 2573
     N
                                                                                     Similarity
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Shelton, David L.
Stewart, Timothy A.
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Goddard, Audrey
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                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sophia S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Nicholas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sherman
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f, Ellen
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                                                                                                                                                                                      Sequence
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                                                                                    0.2%;
                                                                                                                                                                                                                                                                                                            60/077791
                                                                    Score 18.2; DB 1;
pred. No. 4.9e+02;
0; Mismatches 3
       24
                                                                                                       DB 1;
                                                                                                     Length 24;
                                                                         Indels
                                                                         0
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                                                                         Gaps
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US-10-160-502A-213 ; Sequence 213, Application US/10160502A ; Publication No. US20030190703A1

RESULT 626

GENERAL INFORMATION:

Ashkenazi, Avi Baker Kevin P.

Botstein, David

US-10-145-087A-213

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                                                                                                                                             ; OTHER INFORMATION: Synthetic oligonucleotide US-10-160-502A-213
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
                                                                                                                                                                                                                  Remaining Prior Ap
NUMBER OF SEQ ID N
SEQ ID NO 213
LENGTH: 24
TYPE: DNA
                                                                                       Query Match
Best Local Similarity
                                                                      Matches
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                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/077791 PRIOR FILING DATE: 1998-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C57
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                                                                                                                                                                               FEATURE:
                                                                                                                                                                                               ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/077450 FILING DATE: 1998-03-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/077649
                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/077632
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 1997-11-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/066364
                                  2551 CTGACGTACCAGCTGTGCCACAC 2573
N
CTGACCTTCCAGCTGAGCCACAC 24
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Gao, Wei-Qiang
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Williams, P. Mickey
Wood, William I.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Shelton, David L.
Stewart, Timothy A.
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                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                     ON NUMBER: 60/077641
                                                                                                                                                                                                                                                                         Application data removed - See File Wrapper or PALM. NOS: 624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       James
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                                                                                                                                                                                                                                                                                                                                                  1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                        1998-03-13
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                                                                                     0.2%;
87.0%;
                                                                    0,
                                                                                       Score 18.2; DB 1;
Pred. No. 4.9e+02;
                                                                      Mismatches
                                                                                                         DB 1; Length 24;
                                                                                                                                                              probe
                                                                      Indels
                                                                    0;
                                                                      Gaps
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RESULT 627

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                                                                                                                                              ; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-087A-213
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CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
                                                                                                                                                                                                                                                Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 624
SECTION 10 213
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                                                                    Query Match
Best Local Similarity
Matches 20; Conserv
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 1998-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR FILING DATE: 1997-11-13
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                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/066364
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                                                                                                                                                                                                                                     LENGTH: 24
                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/077649 FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/077791
                          2551 CTGACGTACCAGCTGTGCCACAC 2573
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/077632
                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1998-03-10
2 CTGACCTTCCAGCTGAGCCACAC 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Shelton, Davi-
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Desnoyers, Luc
Eaton, Dan
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o. US20030194410A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Wapier, Mary A.
                                                                    0.2%;
llarity 87.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Margaret
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                                                                      0;
                                                                                       Score 18.2; DB 1
Pred. No. 4.9e+02
                                                                        Mismatches
                                                                                                        Length 24;
                                                                         Indels
                                                                        0;
                                                                        Gaps
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US-10-164-829A-213
US-10-164-829A-213
; Sequence 213, Applicat
; Publication No. US2000;
; GENERAL INFORMATION:
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US-10-017-086A-213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/017,086A
CURRENT FILING DATE: 2002-04-30
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.2%;
Best Local Similarity 87.0%;
Matches 20; Conservative
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                                                                                     APPLICANT:
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                               APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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APPLICANT: Baker Kevin P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: P2630P1C64
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FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
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Botstein, David
Desnoyers, Luc
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
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Gerritsen, Mary E.
                                                  Ferrara, Napoleon
Filvaroff, Ellen
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Kuo, Sophia S.
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                                                                                      Eaton, Dan
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o. US20030194780A1
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                                                                                                                                                                                                                                                                                                                                                                    Score 18.2; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 3
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APPLICANT:

Ferrara, Napoleon Filvaroff, Ellen APPLICANT:

Baker Kevin P.
Botstein, David
Desnoyers, Luc
Eaton, Dan

APPLICANT: Ashkenazi, Avi APPLICANT: Baker Kevin P APPLICANT: Botstein, Dav

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US-10-164-929A-213
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Best Local S
Matches 20
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SEQ ID NO 213
LENGTH: 24
TYPE: DNA
             Sequence 213, Appublication No.
GENERAL INFORMATION:
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PRIOR
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C28
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                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/077641 FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
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                                                                                                                                                       2551 CTGACGTACCAGCTGTGCCACAC 2573
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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                               Application US/10164929A
                                                                                                                                                                                                          Conservative
                 US20030194781A1
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                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                            Score 18.2; DB 1;
Pred. No. 4.9e+02;
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CURRENT APPLICATION NUMBER: US/10/164,929A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
 Sequence 213, Application US/10013922A
Publication No. US20030195345A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botkerin, David
APPLICANT: Besnoyers, Luc
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SEQ ID NO 213
LENGTH: 24
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PRIOR FILING DATE: 1998-03-12
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Local Similarity 87.0%;
nes 20; Conservative
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FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
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Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Gao, Wei-Qiang
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-03-11
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sen, Mary E.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ivar J.
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Pred. No. 4.9e+02
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APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC81
CURRENT APPLICATION NUMBER: US/10/013,922A
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 60/06250
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077631
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR FILING DATE: 1998-03-27
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR PRIOR PRIOR DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR FILING DATE: 1998-03-27
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APPLICANT:
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
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PRIOR APPLICATION NUMBER: 60/077641
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OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078910
OR APPLICATION NUMBER: 60/078939
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079294
OR FILING DATE: 1998-03-25
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OR APPLICATION NUMBER: 60/079656
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APPLICATION NUMBER: 60/078886
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Williams, P. Mickey
Wood, William I.
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Stewart, Timothy A.
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Napier, Mary A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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f, Ellen
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RESULT 632
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Publication No. US20030198994A1
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APPLICATION NUMBER: 60/084598
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083500
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FILING DATE: 1998-05-05
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APPLICATION NUMBER: 60/085704
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APPLICATION NUMBER: 60/085697
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Gerber, Hanspeter
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llarity 87.0%;
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APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081229

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FILING DATE: 1998-04-08

APPLICATION NUMBER: 60/081955 FILING DATE: 1998-04-15

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APPLICATION NUMBER: 60/081817

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APPLICATION NUMBER: 60/080327

APPLICATION NUMBER: 60/080194 FILING DATE: 1998-03-31 APPLICATION NUMBER:

FILING DATE: 1998-04-01

APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080328 FILING DATE: 1998-04-01

APPLICATION NUMBER: 60/081070 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080334

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APPLICATION NUMBER: 60/082700 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082797

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DR FILING DATE: 1998-04-21

RR APPLICATION NUMBER: 60/082569

RR FILING DATE: 1998-04-21

RR APPLICATION NUMBER: 60/082704

DR FILING DATE: 1998-04-22

RR APPLICATION NUMBER: 60/082804

FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081838
FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/082568

PILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081819
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APPLICATION NUMBER: 60/081952

DR FILING DATE: 1998-04-22

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OR FILING DATE: 1998-04-23

OR APPLICATION NUMBER: 60/083336

OR FILING DATE: 1998-04-27

OR APPLICATION NUMBER: 60/083322

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APPLICATION NUMBER: 60/083495
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OR APPLICATION NUMBER: 60/07636

OR APPLICATION NUMBER: 60/077450

OR APPLICATION NUMBER: 60/077632

OR PILING DATE: 1998-03-10

OR APPLICATION NUMBER: 60/077632

OR FILING DATE: 1998-03-11

OR APPLICATION NUMBER: 60/077641

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DR APPLICATION NUMBER: 60/078939
DR FILING DATE: 1998-03-20
DR FILING DATE: 1998-03-25
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DR APPLICATION NUMBER: 60/079656
DR APPLICATION NUMBER: 60/079664
DR FILING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079669
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DR APPLICATION NUMBER: 60/079663
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APPLICATION NUMBER: 09/918585
FILING DATE: 2001-07-30
APPLICATION NUMBER: 60/062250
FILING DATE: 1997-10-17
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Shelton, David L.
Stewart, Timothy A.
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Williams, P. Mickey
Wood, William I.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/081955
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR APPLICATION NUMBER: 60/081953
OR APPLICATION NUMBER: 60/081953
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082568
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OR APPLICATION NUMBER: 60/080333
OR PELLING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081049
OR APPLICATION NUMBER: 60/081071
OR APPLICATION NUMBER: 60/081071
OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081195
OR APPLICATION NUMBER: 60/081203
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OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
                      DR FILING DATE: 1998-04-23

OR APPLICATION NUMBER: 60/083336

OR APPLICATION NUMBER: 60/083322

OR APPLICATION NUMBER: 60/083322

OR FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083392

OR FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083496

OR FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083496

OR APPLICATION NUMBER: 60/083496

OR APPLICATION NUMBER: 60/083499

OR APPLICATION NUMBER: 60/083545

OR FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083546

OR FILING DATE: 1998-04-29

OR APPLICATION NUMBER: 60/083559

OR APPLICATION NUMBER: 60/083559

OR APPLICATION NUMBER: 60/083559

OR APPLICATION NUMBER: 60/083559

OR APPLICATION NUMBER: 60/083590

OR APPLICATION NUMBER: 60/083742
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R APPLICATION NUMBER: 60/082704

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082804

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082700

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082797

DR APPLICATION NUMBER: 60/082797

DR APPLICATION NUMBER: 60/082797

DR APPLICATION NUMBER: 60/082796
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RESULT 633
US-10-013-924A-213
; Sequence 213, Application US/10013924A
; Publication No. US20030199021A1
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Best Local Similarity
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APPLICANT:
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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APPLICATION NUMBER: 60/085573
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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FILING DATE: 1998-05-13
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                Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Gao, Wei-Qiang
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Filvaroff, Ellen
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Pred. No. 4.9e+02;
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US-10-017-084A-213
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-013-924A-213
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-23
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
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; LENGTH: 24
; TYPE: DNA
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Best Local S
Matches 20
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
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APPLICANT: Williams, Mickey
APPLICANT: Williams, Milkey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C76
CURRENT APPLICATION NUMBER: US/10/013,924A
CURRENT FILING DATE: 2002-12-10
CURRENT FILING DATE: 2002-12-10
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Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
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Shelton, David L.
Stewart, Timothy A.
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Botstein, David
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Pred. No. 4.9e+02;
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US-10-017-084A-213
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
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Best Local Similarity 87.0%;
Matches 20; Conservative
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                                                                                                                                    APPLICANT:
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                                          APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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CURRENT APPLICATION NUMBER: US/10/017,084A
CURRENT FILING DATE: 2002-04-30
FILE REFERENCE: P2630P1C73
CURRENT APPLICATION NUMBER: US/10/017,085A
CURRENT FILING DATE: 2002-04-30
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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Filvaroff, Ellen
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Kljavin, Ivar J.
                                                                                                                                                                                      Paoni,
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o. US20030204055A1
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                                                                                                                                                                                                                                                                                                                                                                                                 Wei-Qiang
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                                                                                                                                                                                    Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                                Sherman
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Pred. No. 4.9e+02;
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US-10-013-916A-213
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                                                                                                                 ; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-013-916A-213
                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/013,916A
CURRENT FILING DATE: 2002-04-30
Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                       Query Match
Best Local S
Matches 20
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
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Best Local Similarity
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C79
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                                                                                                                                                                             TYPE: DNA
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                                                                    Local Similarity
                 2551 CTGACGTACCAGCTGTGCCACAC 2573
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Shelton, David L.
Stewart, Timothy A.
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5. US20030206915A1
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ilarity 87.0%;
Conservative
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                                                      Score 18.2; DB 1
Pred. No. 4.9e+02
0; Mismatches
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Pred. No. 4.9e+02;
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US-10-143-026B-213

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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-143-026B-213
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SEQ ID NO 213
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Query Match 0.3
Best Local Similarity 87.0
Matches 20; Conservative
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APPLICANT: Baker Kevin P
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
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PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                         ENGTH: 24
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Kuo, Sophia S.
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    0.2%; Score 18.2; DB 1; Length 24;
87.0%; Pred. No. 4.9e+02;
tive 0; Mismatches 3; Indels
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PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077450
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CURRENT FILING DATE: 2002-03-25
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APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
                                                                                       APPLICATION NUMBER: 60/078886 FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/078936 FILING DATE: 1998-03-20
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                                                   APPLICATION NUMBER: 60/078910 FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/
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                               APPLICATION NUMBER: 60/078939
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Williams, P. Mickey
Wood, William I.
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Botstein, David
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Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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Gerritsen, Mary E.
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o. US20030211091A1
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OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083499
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083545
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DR APPLICATION NUMBER: 60/083559
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APPLICATION NUMBER: 60/085704
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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                        CTGACGTACCAGCTGTGCCACAC
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                                                                                  Conservative
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Pred.
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NUMBER: 60/081203 : 1998-04-09

NUMBER: 60/081195 NUMBER: 60/081071 NUMBER: 60/081049 NUMBER: 60/081070

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NUMBER: 60/081229

1998-04-09

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NUMBER: 60/080328: 1998-04-01

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DR FILING DATE: 1998-03-27

DR APPLICATION NUMBER: 60/079920

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DR APPLICATION NUMBER: 60/080105

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080107

DR APPLICATION NUMBER: 60/080107

DR APPLICATION NUMBER: 60/080107

DR APPLICATION NUMBER: 60/080105

DR APPLICATION NUMBER: 60/080165

DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080194

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NUMBER: 60/079728 NUMBER: 60/079663

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1998-03-27 1998-03-27 OR APPLICATION NUMBER: 60/079656
IR FILLING DATE: 1998-03-26
OR APPLICATION NUMBER: 60/079664
OR FILLING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27

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RESULT 639 US-10-013-928A-213

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NUMBER:

60/082700

NUMBER: 60/082804: 1998-04-22

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60/081838 60/081952

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NUMBER: 60/ : 1998-04-21

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NUMBER: 60/082569

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NUMBER:

60/081955

1998-04-

NUMBER: 60/081819 NUMBER: 60/081817

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-928A-213
                                                                                                                                                                                                                               Remaining Prior Application NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                                                              Query Match
Best Local (
                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/062250 PRIOR FILING DATE: 1997-10-17 PRIOR APPLICATION NUMBER: 60/064249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic PITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: PEGSOPIC86 CURRENT APPLICATION NUMBER: US/10/013,928A CURRENT FILING DATE: 2001-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1998-03-12
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                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/077641
                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/065311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1997-11-03
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                                                                                                                                                                                                                   TYPE: DNA
                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1998-03-11
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                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/077649
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                                            2551 CTGACGTACCAGCTGTGCCACAC 2573
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, William I.
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               CTGACCTTCCAGCTGAGCCACAC 24
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Gao, Wei-Qiang
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Filvaroff, Ellen
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o. US20030215905A1
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Grimaldi, J. Christopher
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                                                                               Conservative
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Sophia S.
                                                                                                                                                                                                                                                                                    Application data removed - See File Wrapper or PALM
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                                                                                              Score 18.2; DB 1
Pred. No. 4.9e+02
                                                                                 Mismatches
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US-10-162-522A-213
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-162-522A-213
                                                                                                                                                                                       Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
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Query Match
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Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C56
                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR FILING DATE: 1997-10-17
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CURRENT FILING DATE: 2002-10-10
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                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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APPLICATION NUMBER: 60/065311
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
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Gerritsen, Mary E.
Goddard, Audrey
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Botstein, David
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Filvaroff,
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Kuo, Sophia S.
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   Conservative
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Ef, Ellen
                   0.2%;
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Score 18.2; DB 1.
Pred. No. 4.9e+02
0; Mismatches
                                         DB 1;
                                       Length 24;
     Indels
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US-10-013-925A-213
; Sequence 213, Application US/10013925A
; Publication No. US20030216560A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
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US-10-013-923A-213
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Matches
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SEQ ID NO 213
LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Williams, P. Mickey
APPLICATION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC87
CURRENT APPLICATION NUMBER: US/10/013,923A
CURRENT FILING DATE: 2001-10-25
CURRENT FILING DATE: 2001-10-25
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               APPLICANT:
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APPLICANT: Baker Kevin P
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APPLICANT:
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                                                                                                                                                                                                                                                                                                      2551 CTGACGTACCAGCTGTGCCACAC 2573
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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           Ferrara, Napoleon
Filvaroff, Ellen
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Shelton, David L.
Stewart, Timothy A.
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Kuo, Sophia S.
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Filvaroff, Ellen
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Desnoyers, Luc
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Pred. No. 4.9e+02;
0; Mismatches
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US-10-013-927A-213
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US-10-013-925A-213
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                   Sequence 213, A
Publication No.
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Best Local Similarity 87.0%;
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APPLICANT:
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ORGANISM: Artificial Sequence
FEATURE:
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Hillan, Kenneth J
Kljavin, Ivar J
KNO, Sophia S.
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Stewart, Timothy A.
Tumas, Daniel
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Grimaldi,
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Filvaroff,
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Roy, Margaret Ann
                                                       Kuo,
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                                                                                                                                                  Gerritsen, Mary E.
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                 Paoni,
                                         Napier, Mary A.
                                                                     Kljavin,
                                                                           Gurney, Austin L.
Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                                               Application US/10013927A
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                                                      vin, Ivar J.
Sophia S.
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                 Nicholas F.
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Ef, Ellen
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                                                                                                            J. Christopher
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Pred. No. 4.9e+02
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APPLICANT:

Shelton, David L. Stewart, Timothy A.

Daniel

APPLICANT:

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US-10-145-093A-213
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CURRENT APPLICATION NUMBER: US/10/013,927A
CURRENT FILING DATE: 2001-10-25
Prior Application removed - See Pile Wrapper or Palm NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
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Publication No.
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Best Local Similarity
                                          APPLICANT: MOOG, WILLIAM I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same PILE REFERENCE: P2630P1C48

CURRENT APPLICATION NUMBER: US/10/145,093A

CURRENT FILING DATE: 2001-10-18

PRIOR APPLICATION NUMBER: 09/91858

PRIOR FILING DATE: 2001-07-30

PRIOR FILING DATE: 1997-10-17

PRIOR FILING DATE: 1997-10-17

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR PRIOR FILING DATE: 1997-11-03

PRIOR PRIOR APPLICATION NUMBER: 60/065311
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APPLICANT: Baker Kev:
APPLICANT: Botstein,
APPLICANT: Desnoyers
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
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             FILING DATE: 1997-11-13
APPLICATION NUMBER: 60/066364
FILING DATE:
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Stewart, Timothy A.
Tumas, Daniel
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Desnoyers, Luc
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Kuo, Sophia S.
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Hillan, Kenneth J
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Grimaldi, J. C
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lton, David L.
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f, Ellen
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87.0%;
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Pred. No. 4.9e+02
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US-10-013-919A-213
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-145-093A-213
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PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
                                                                                                                                                                                                                                                                                                                                             Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
                                                                                              Matches 20; Conservative
                                                                                                                                               Query Match
                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                        Match 0.2%;
Local Similarity 87.0%;
                                              2551 CTGACGTACCAGCTGTGCCACAC 2573
2 CTGACCTTCCAGCTGAGCCACAC 24
                                                                                                                      Score 18.2; DB 1;
Pred. No. 4.9e+02;
                                                                                                 0; Mismatches
                                                                                                                                                  Length 24;
                                                                                                    Indels
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Sequence 213, Application US/10013919A Publication No. US20040005657A1 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C85
CURRENT APPLICATION NUMBER: US/10/013,919A
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/018585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03 APPLICANT: APPLICANT APPLICANT: APPLICANT: APPLICANT: Ashkenazi, Avi Godowski, Paul J. Grimaldi, J. Christopher Gurney, Austin L. Hillan, Kenneth J Kljavin, Ivar J. Williams, P. Mickey Wood, William I. Shelton, David L. Stewart, Timothy A. Gerber, Hanspeter Gerritsen, Mary E. Filvaroff, Ellen Tumas, Daniel Paoni, Nicholas F. Kuo, Sophia S. Napier, Mary A. Goddard, Audrey Botstein, David Fong, Eaton, Dan Baker Kevin P. Margaret Ann ton, David L. Wei-Qiang Sherman

APPLICATION NUMBER: 60/ FILING DATE: 1997-11-21 FILING DATE: 1997-11-13

60/066364

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RESULT 647
US-10-309-775A-73
; Sequence 73, Application US/10309775A
; Publication No. US20040006032A1
; Publication No. US20040006032A1
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publication No. US20040006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/0327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.1
SEQ ID NO 26
LENGTH: 24
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
APPLICANT: LOPEZ, RICARDO A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
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PRIOR FILING DATE: 1998-03-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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Pred. No. 4.9e+02;
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Pred. No. 4.9e+02
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ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: PCR primer US-10-309-775A-73
                                                    ; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-013-920A-213
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US-10-013-920A-213
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 213
LENGTH: 24
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PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.1
SEQ ID NO 73
LENGTH: 24
Matches
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APPLICANT: Ashkenazi, Avi
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Publication No.
             Best Local
                          Query Match
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APPLICANT: Wood, William I.
TITLE OP INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OP INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C78
CURRENT APPLICATION NUMBER: US/10/013,920A
CURRENT FILING DATE: 2001-10-25
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                                                                                              ORGANISM: Artificial Sequence
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Filvaroff, Ellen
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Eaton, Dan
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o. US20040006219A1
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Conservative
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ton, David L.
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              Score 18.2;
Pred. No. 4
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Pred. No. 4.9e+02;
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              4.9e+02
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RESULT 649 US-09-866-108-13907

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RESULT 650
US-09-866-108-13910
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US-09-866-108-13907
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PRIOR FILING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 15752
SOPTWARE: Acomica Sequence Listing Engine SEQ ID NO 13907
LENGTH: 25
TYPE: DNA
              Sequence 13910, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: PCT/US01/00669
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: GU, Yizhong
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APPLICATION NUMBER: US 60/266,860
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20; Conservative
                                                                                                                                                        GGCGGTGCATGGAGCTGGAGAAG 25
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PENN, Sharron G.
HANZEL, David K.
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Pred. No. 5.2e
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13910
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                                                                                                                                                                                                                                                                                                    RESULT 651
PRIOR APPLICATION NUMBER: 60/379,373
PRIOR FILING DATE: 2002-05-09
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 16
                                                                                                                                                                                                                       Sequence 16, Application US/10435226
Publication No. US20040038357A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                        APPLICANT: Obendorf, Ralph L.
APPLICANT: Ueda, Takashi
TITLE OF INVENTION: FAGOPYRITOL SYNTHASE GENES
FILE REFERENCE: 19603/3911
CURRENT APPLICATION NUMBER: US/10/435,226
CURRENT FILING DATE: 2003-05-09
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SOFTWARE: Aeomica Sequence
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR FILING DATE: 2000-10-04
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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Similarity 87.0%;
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PENN, Sharron
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Pred. No. 5.2e+02;
0; Mismatches 3
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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 391
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-391
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US-10-723-361-13907
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US-10-717-597-391/c
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Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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Best Local Similarity
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Best Local :
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APPLICANT: Burcz
APPLICANT: Twine
APPLICANT: Dorne
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART /
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR APPLICATION NUMBER: US 00/807,456
PRIOR FILING DATE: 2001-05-26
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
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CURRENT FILING DATE: 2003-11-21
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APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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Trepicchio, William L.
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Pred. No. 5.
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Pred. No. 5.
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APPLICANT: SHANNO, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: P80105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/203.6
PRIOR APPLICATION NUMBER: US 60/236,359
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; ORGANISM: Homo sapiens
US-10-723-361-13907
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 13907
LENGTH: 25
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Publication No. US20040137589A1
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00665
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                                                                              PRIOR FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
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Prior Application data removed -
SEQ ID NOS: 15755
Aeomica Sequence Listing Engine
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Similarity 87.0%;
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PENN, Sharron
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Pred. No. 5.2e+02;
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                                                       File Wrapper or PALM
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US-09-962-543E-5
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; ORGANISM: Human Adenovirus Oligonucleotide
US-09-953-280-3
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US-09-953-280-3
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; ORGANISM: Homo sapiens
US-10-723-361-13910
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APPLICANT: Vogels, Ronald
APPLICANT: Vogels, Ronald
APPLICANT: Bout, Abraham
TITLE OF INVENTION: CHIMERIC ADENOVIRUSES
FILE REFERENCE: 2183-4123US
CURRENT APPLICATION NUMBER: US/09/953,280
CURRENT FILING DATE: 2001-09-14
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 84
                                                                                                                US-09-962-543E-5
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LENGTH: 25
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Best Local Similarity 87.0%;
Matches 20; Conservative
                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 27
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LENGTH: 27
                                    Query Match
Best Local Similarity
Matches 20; Conserv
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/962,543E
CURRENT FILING DATE: 2001-09-25
                                                                                                                                                                                                                                                                                                                                    APPLICANT: GALAPAGOS GENOMICS N.V.
APPLICANT: Crucell Holland B.V.
TITLE OF INVENTION: Viral vectors having tissue tropism for T-lymphocytes, B- and
TITLE OF INVENTION: cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                      TYPE: DNA
                                                                                                                                  OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5543 GTGGTGCATGCAGATGGAGAAGT 5565
   5807 CCTGTCTGCCTATGTGATGAAATC 5833
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%;
                                    0.2%; Score 18.2; DB 1; 74.1%; Pred. No. 5.8e+02; tive 2; Mismatches 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 18.2; DB 1;
Pred. No. 5.8e+02;
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Pred. No. 5.2e+02;
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                                                                           DB 1;
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                                                                         Length 27;
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GENERAL INFORMATION:
APPLICANT: Havenga, Menzo
APPLICANT: Vogels, Ronald
APPLICANT: Bout, Abzaham
TITLE OF INVENTION: CHIMERIC ADENOVIRUSES
FILE REFERENCE: 2183-4123US
CURRENT APPLICATION NUMBER: US/09/348,354A
CURRENT FILLING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 84
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US-09-348-354A-3
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Best Local Similarity 74.1
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.1 SEQ ID NO 19
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Publication No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Havenga, Menzo
APPLICANT: Vogels, Ronald
TITLE OF INVENTION: Infection with chimaeric adenoviruses of cells negative for the
TITLE OF INVENTION: adenovirus serotype 5 Coxsacki adenovirus receptor (CAR)
TILE REFERENCE: 2183-5226US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: WOO1/04334
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: EP 99202234.3
PRIOR FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: US 60/142,557
PRIOR FILING DATE: 2000-07-07
PRIOR FILING DATE: 2000-07-07
NUMBER OF SEQ ID NOS: 58
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TYPE: DNA
ORGANISM: Human Adenovirus Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
LOCATION: (3). \overline{\phantom{a}}(3) or \overline{\phantom{a}}(3)
                                                                       NAME/KEY: misc_feature
LOCATION: (3)..(3)
                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (1)..(27)
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                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (11)..(16)
                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: (1). (27)
OTHER INFORMATION: tail oligonucleotide
                                                                                                                                                                                  FEATURE:
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Pred. No. 5.8e+02;
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APPLICANT: WU, MING
APPLICANT: ULLMAN, EDWIN F.
APPLICANT: ULLMAN, EDWIN F.
TITLE OF INVENTION. DETECTION BY SLIDING TEMPLATE AMPLIFICATION
FILE REFERENCE: 3817.10-2
CURRENT APPLICATION NUMBER: US/10/371,600
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR FILING DATE: 2002-02-02
PRIOR FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 32
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APPLICANT: Schouten, Govert J.
APPLICANT: But, Abraham
TITLE OF INVENTION: Transduction
FILLE REFERENCE: 2183-3982.2US
CURRENT APPLICATION NUMBER: US/10/783,510
CURRENT APPLICATION NUMBER: US/10/783,510
CURRENT FILING DATE: 2000-03-03
PRIOR PRILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 60/122,732
PRIOR FILING DATE: 1999-03-03
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn version 3.1
SEO ID NO 21
LENGTH: 27
                                                                                                                                                                                                                                                                                                            Sequence 3, Application US/10371600 Publication No. US20030180776A1 GENERAL INFORWATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 21, Application US/10783510 Publication No. US20040142473A1 GENERAL INFORMATION:
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Best Local Similarity
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NAME/KEY: misc_feature
LOCATION: (6)..(6)
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Pred. No. 5
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide US-10-371-600-3
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APPLICANT: WI, MING
APPLICANT: WI, MING
APPLICANT: ULLMAN, EDWIN F.
APPLICANT: ULLMAN, EDWIN F.
TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
TITLE REFERENCE: 3817.10-2
CURRENT APPLICATION NUMBER: US/10/371,600
CURRENT APPLICATION NUMBER: 60/359,223
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR APPLICATION NUMBER: 60/379,360
PRIOR PILING DATE: 2002-05-08
PRIOR PILING DATE: 2002-05-08
PRIOR PILING DATE: 2002-55-08
NUMBER OF SEQ ID NOS: 14
                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/809,545A
CURRENT FILING DATE: 2001-03-14
NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 84
LENGTH: 18
TYPE: DNA
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Best Local Sin
Matches 23;
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SEQ ID NO 4
LENGTH: 32
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                                                                                                                                                                                                                                                                                                                                                                              Sequence 84, Application US/09809545A Patent No. US20020110804A1
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Query Match
Best Local Similarity
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Best Local S
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                                                                  ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Oligos corresponding to polylinker sequence.
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Pred. No. 7.3e+02
  Score 18;
Pred. No.
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Pred. No. 7.3e+02;
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  DB 1; L, 3.5e+02;
                  Length 18;
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Matches

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APPLICANT: Hartmann, Gunther
ITITLE OF INVENTION: Methods for Enhancing Antibody-Induced
ITITLE OF INVENTION: Cell Lysis and Treating Cancer
ITILE OF INVENTION: Cell Lysis and Treating Cancer
ILL REPERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FASTER OF SEQ ID NOS: 848
SOFTWARE: FASTER OF SEQ ID NOS: 848
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
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APPLICANT: Latimer, Darin R.
APPLICANT: Latimer, Darin R.
FILE REFERENCE: AGL 100
CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 6
LENGTH: 18
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US-09-888-326-837
; Sequence 837, Application US/09888326
; Publication No. US20030026801A1
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                                                                                                                   ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-994-311-6
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Query Match 0.2%; Score 18; DB 1; L
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kaufman, APPLICANT: Roth, N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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Lizardi, Paul M.
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APPLICANT: Petersen, Deanna M.

APPLICANT: Petersen, Deanna M.

APPLICANT: Pouron, Yves

ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOPTWARE: PastSEQ for Windows Version 3.0

SEQ ID NO 913

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
FEA
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APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR TILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
NUMBER OF SEQ FOR Windows Version 3.0
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LENGTH: 18
TYPE: DNA
                                                                                                                                           Query Match
Best Local Similarity
Matches 18; Conserv
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100.0%; Pred. No. 3.5e+02;

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APPLICANT: Petersen, Deanna M.

APPLICANT: Petersen, Deanna M.

APPLICANT: Pouron, Yves

ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOPTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 939

LENGTH: 18
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APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Vees
ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITILE OF INVENTION: Treatment of Asthma and Allergy
ITILE OF INVENTION: Treatment of Asthma and Allergy
ITILE OF INVENTION: Treatment of John and Allergy
ITILE OF INVENTION NUMBER: US/09/776,479
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 939
LENCTH: 18
RESULT 669
US-09-370-541-14
; Sequence 14, Application US/09370541
; Publication No. US20030088079A1
; GENERAL INFORMATION:
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; OTHER INFORMATION: Synthetic Sequence US-09-776-479-939
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US-09-776-479-939
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; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939
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Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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                                                                                                                                                                                                                                                                                 18;
                                                                                                                                                                                TTTTTTTTTTTTTTT 18
                                                                                                                                                                                                                                                                              0.2%; Score 18; DB 1; I larity 100.0%; Pred. No. 3.5e+02; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                            4481
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                                                                                                                                                       ; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides
US-09-979-275A-7
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CURRENT FILING DATE: 1999-08-09
EARLIER APPLICATION NUMBER: 09/130,973
EARLIER FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 09/016,520
EARLIER FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
EARLIER FILING DATE: 1997-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7, Application US/09979275A
Publication No. US20040110919A1
GENERAL INFORMATION:
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EARLIER FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 14
LENGTH: 18
                                                                                                                                                                                                                                                                                                                        SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 7
LENGTH: 18
                                                                   Matches
                                                                                                          Query Match
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Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: NAGAI, HIROSHI
APPLICANT: KURODA, KYOKO
APPLICANT: NAKAJIMA, TERUMI
TITLE OF INVENTION: NOVEL PROTEINS HAVING I
TITLE OF INVENTION: ENCODING THE PROTEIN
FILE REFERENCE: 037181.50611US
CURRENT APPLICATION NUMBER: US/09/979,275A
CURRENT FILING DATE: 2003-05-27
CURRENT FILING DATE: 2003-05-27
                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: JP 2000-78967
PRIOR FILING DATE: 2000-03-21
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Frakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminoxay-Modified Nucleosidic Compounds And Oligomeric
TITLE OF INVENTION: Compounds Prepared Therefrom
FILE REFERENCE: ISIS3993
                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/JP01/02209 PRIOR FILING DATE: 2001-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                  FEATURE:
                                                                                     Local
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4464 TTTTTTTTTTTTTTTT 4481
                                                                 al Similarity 100.0%;
18; Conservative (
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L00.0%; Pred. No. 3.5e+02;
                                                                                        0.2%; Score 18; DB 1; L
100.0%; Pred. No. 3.5e+02;
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                                                                   Mismatches
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                                            Query Match
Best Local S
Matches 18
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Publication No. US2004
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHARACTERISTICS:
                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAS: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                    NAME/KEY: modified_base
LOCATION: 13.18
LOCATION: 13.18
OTHER INFORMATION: /mod_base= OTHER
/note= "T at positions 13-18 may be
present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 97:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Improved Humanized Immunoglobulins NUMBER OF SEQUENCES: 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Queen, Cary L.
  4464 TTTTTTTTTTTTTTTT 4481
                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/10/389,417
PILING DATE: 13-Mar-2003
CLASSIFICATION: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/484,537 FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/634,278 FILING DATE: 19-DEC-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/310,252 FILING DATE: 13-FEB-1989 APPLICATION NUMBER: US 07/590,274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-UUN-199
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 28-SEP-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/10389417
                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 18 base pairs
                                         0.2%; Score 18; DB 1; L
ilarity 100.0%; Pred. No. 3.5e+02;
Conservative 0; Mismatches 0;
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Landolfi, Nicholas F.
Coelingh, Kathleen L.
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                                                                                     Length 18;
                                              Indels
                                              0;
                                              Gaps
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APPLICANT: FENG, XIAO
TITLE OF INVENTION: ANTIBODIES TO CD40
FILE REFERENCE: ABX-PF/3 US
CURRENT APPLICATION NUMBER: US/10/292,088
CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: 60/348,980
PRIOR FILING DATE: 2001-11-09
NUMBER OF SEQ ID NOS: 147
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 144
LENGTH: 18
LENGTH: 18
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                                                                                                                / OTHER INFORMATION: Synthetic Sequence US-10-314-578-913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-314-578-913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-292-088-144
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Best Local S
Matches 18
                                      Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 913, Application US/10314578 Publication No. US20030212026A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: CIO39/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Krieg, Arthur M. APPLICANT: Schetter, Chris APPLICANT: Vollmer, Jorg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: BEDIAN, VAHE
APPLICANT: GLADUE, RONJ
APPLICANT: CORVALAN, JC
APPLICANT: JIA, XIAO-CI
                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/227,436 PRIOR FILING DATE: 2000-08-23
                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
                                                                                                                                                    LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
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nes 18; Conserv
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    4464 TTTTTTTTTTTTTTTT 4481
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CORVALAN, JOSE
JIA, XIAO-CHI
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                                  0.2%; Score 18; illarity 100.0%; Pred. No. Conservative 0; Mismatch
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                                        0; Mismatches
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3.5e+02;
                                                            DB 1; Le
3.5e+02;
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                                            Indels
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                                            Gaps
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APPLICANT: Krieg, Arthur M.

APPLICANT: Schetter, Christian

APPLICANT: Vollmer, Jorg

ITILE OF INVENTION: Immunostimulatory Nucleic Acids

FILE REFERENCE: C1039/7035 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/10/314,578

CURRENT FILING DATE: 2002-12-09

PRIOR APPLICATION NUMBER: US 60/156,113

PRIOR FILLING DATE: 1999-09-25

PRIOR FILLING DATE: 1999-09-27

PRIOR APPLICATION NUMBER: US 60/156,135

PRIOR FILLING DATE: 1999-09-27

PRIOR APPLICATION NUMBER: US 60/227,436

PRIOR FILLING DATE: 2000-08-23
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US-10-314-578-939
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US-10-125-295-9
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; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 9, Application US/10125295
Publication No. US20020164572A1
GENERAL INFORMATION:
APPLICANT: Lin, Ching-I Pats
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 939, Application US/10314578 Publication No. US20030212026A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2*; Score 18; DB 1; L
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FRATSEQ for Windows Version 3.0
SEQ ID NO 939
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/125,295
FILING DATE: 17-Apy-2002
CLASSIFICATION EATH.
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US/09/545,225
FILING DATE: 07-Apy-2000
APPLICATION NUMBER: US 08/884,029
                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEVENIE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Lyophilization of Cultured Human Cells to Preserve RNA and DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4464 TT
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CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                          ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Lin, Ching-I Patsy
Wallace, Robert Bruce
Cossman, Jeffrey
French, Cynthia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TTTT 4481
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0
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GENERAL INFORMATION:

APPLICANT: KUZZ, MARKUS

APPLICANT: Lohse, Peter

APPLICANT: Lohse, Peter

APPLICANT: Wagner, Richard

TITLE OF INVENTION: Peptide Acceptor Ligation Methods

FILE REFERENCE: 50036/031002

CURRENT APPLICATION NUMBER: US/10/208,357

CURRENT APPLICATION NUMBER: US/9/619,103

PRIOR APPLICATION NUMBER: US/9/619,103

PRIOR FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: 60/145,834

PRIOR FILING DATE: 1999-07-27

NUMBER OF SEQ ID NOS: 26

SOPTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 24

LENGTH: 18
밁
                                                                                                                                                                                                                                                                                                             ; FEATURE: ; OTHER INFORMATION: designed sequence for nucleic acid purification US-10-208-357-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 676
US-10-208-357-24/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                                      Matches
                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 24, Application US/10208357
Publication No. US20020182687A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 27-JUN-1997 ATTORNEY/AGENT INFORMATION:
                                        4464 TTTTTTTTTTTTTTTT 4481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                present or absent" SEQUENCE DESCRIPTION: SEQ ID NO: 9:
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18 Tritritititititititi 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Parent, Annette S. REGISTRATION NUMBER: 42,058 REFERENCE/DOCKET NUMBER: 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX:
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TELEFAX: (415) 576-0300
                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                       100.0%;
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                                                                                                                                                                                                                                   0.2%;
                                                                                                                                                      0;
                                                                                                                                                                                           Score 18;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 18; DB 1; L
Pred. No. 3.5e+02;
                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   02558B-059100US
                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                                   3.5e+02;
                                                                                                                                                                                                                                       Length 18;
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                                                                                                                                                          Indels
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RESULT 677
US-10-112-653-882
; Sequence 882, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:

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                                                                                                                                                                                                       US-10-017-995-939; Sequence 939; Application No. US200; Publication No. US200; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-913
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US-10-017-995-913
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APPLICANT: Berg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR APPLICATION NUMBER: US 60/279,642
ORIGHNOR PRIOR DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 882
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 913
LENGTH: 18
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
              APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEO ID NOS: 1093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Infliction of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR PILING DATE: 2000-12-14
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Synthetic Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity 100.0%; In 18; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                      4464 TTTTTTTTTTTTTTTT 4481
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p. US20030055014A1
                                                                                                                                                                                                                               Application US/10017995
o. US20030055014A1
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llarity 100.0%; Pred. No. 3.5e+02;
Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%; Score 18; DB 1; L
100.0%; Pred. No. 3.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 18;
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; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-939
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                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                   Sequence 15, Application US/10056479A Publication No. US20030175678A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
APPLICANT:
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Best Local Similarity
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APPLICANT: He, Biao
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of Amplifying Long Sense Strand RNA
TITLE OF INVENTION: Methods of Amplifying Long Sense Strand RNA
FILE REFERENCE: 023070-119510US
CURRENT APPLICATION NUMBER: US/10/206,613
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 60/308,190
PRIOR PILING DATE: 2001-07-27
NUMBER OF SEQ ID NOS: 8
APPLICANT: Neilen, Soren
APPLICANT: Pazoles, Christopher
APPLICANT: Spencer, Marget E.
APPLICANT: Stafford, Angela
TITLE OF INVENTION: Methods for Identifying Genes Regulating
TITLE OF INVENTION: Desired Cell Phenotypes
FILE REFERENCE: 50273/005002
CURRENT APPLICATION NUMBER: US/10/056,479A
CURRENT FILING DATE: 2003-02-07
                                                                                                                                                                                                                                                             APPLICANT: Bowen, Banjamin A. APPLICANT: Deakin, Edward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Ver. 2.1
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APPLICANT: Jab
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:oligo dT-18 OTHER INFORMATION: linker primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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TYPE: DNA
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Goldsmith, Neil
Haudenschild, Christian
Houck, David
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Jablons, David
                                                                                                                                                                             McAlpine, James B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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100.0%; Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
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RESULT 682
US-10-352-704-12
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 12, Application US/10352704 Publication No. US20030176690A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 100.0%; Matches 18; Conservative (
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Synthetic
                                                                                                                                                                                                         TELEX: RCA 248593 IDEA UR INFORMATION FOR SEQ ID NO: 12: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION IMPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,704
FILING DATE: 28-Jan-2003
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4464 TTTTTTTTTTTTTTTT 4481
                                                                               TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Process for Preparing Polynucleotides on a Solid Support and Apparatus Permitting Implementation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Chatelain, Francois
                     FEATURE:
                                     FRAGMENT TYPE: N-terminal
                                                             ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                     LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: D.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Washington D.C
NAME/KEY:
                                                                                                                                                                                                                                                                       TELEPHONE: (202)638-666
TELEFAX: (202)393-5350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                               (202) 638-6666
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RESULT 683
US-10-352-704-18/c
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                                                                               ; SEQUENCE DESCRIPTION: SEQ ID NO: 18: US-10-352-704-18
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Query Match 0.2%; Score 18; DB 1; L
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                   TELEX: RCA 248593 ID INFORMATION FOR SEQ ID NO: 18: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/10/352,704
FILING DATE: 28-Jan-2003
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Kumarev, Viktor
TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4464 TTTTTTTTTTTTTTTT 4481
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Chatelain, Francois
                                                                                                                                                                   FEATURE:
                                                                                                                                                                                      FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                           ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                    LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Washington D.C STATE: D.C
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                                                                                                                          LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (202) 638-666
TELEFAX: (202) 393-5350
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                                                                                                                                             NAME/KEY: CDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 1..18
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100.0%; Pred. No.
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                                          Length 18;
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Indels

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Gaps

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APPLICANT: Che, Shaoli
TITLE OP INVENTION: Methods and Compositions of Amplifying RNA
FILE REFERENCE: HO-PO2202US2
CURRENT APPLICATION NUMBER: US/10/075,335
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/268,664
PRIOR FILING DATE: 2001-02-14
PRIOR FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 60/348,242
PRIOR FILING DATE: 2001-11-07
PRIOR FILING DATE: 2001-11-07
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/268,645
PRIOR APPLICATION NUMBER: 60/366,216
PRIOR APPLICATION NUMBER: 60/366,216
PRIOR FILING DATE: 2001-07-18
PRIOR FILING DATE: 2001-07-18
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: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Primer
US-10-075-335-9
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US-10-389-155-97
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.1 SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 97, Application No. US2003 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%; Score 18; DB 1; Best Local Similarity 100.0%; Pred. No. 3.5e+02 Matches 18; Conservative 0; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Publication No. US2003018477777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2001-11-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/350,176
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APPLICANT: Che, Shaoli
                                                                                                                                                                                                                                                                                                     Co, Man Sung
Schneider, William P.
Landolfi, Nicholas F.
Coelingh, Kathleen L.
Selick, Harold E.
TITLE OF INVENTION: Improved Humanized Immunoglobulins
HUMBER OF SEQUENCES: 100
ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IEM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18
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                                                                                                                                                                         COUNTRY: USA
                                                                                                                                                                                          CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/10389155
No. US20030229208A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Queen, Cary L.
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NAME/KEY: modified_base

LOCATION: 13..18

OTHER INFORMATION: /mod_base= OTHER

/note= "T at positions 13-18 may be
present or absent;

SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-10-389-155-97
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                                                                                    CURRENT APPLICATION NUMBER: US/10/271,602B
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/329,427
PRIOR FILING DATE: 2001-10-14
PRIOR FILING DATE: 2001-10-14
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR FILING DATE: 2001-10-14
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/364,416
PRIOR APPLICATION NUMBER: 60/364,416
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Publication No.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION
SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Alice Xiang Li
APPLICANT: Ghazala Hashmi
APPLICANT: Michael Seul
TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
                       PRIOR FILING DATE: 2002-03-14
NUMBER OF SEQ ID NOS: 212
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: eMAP-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-UNU-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (4.15) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 13-Mar-2003
PRIOR.APPLICATION DATA:
APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
APPLICATION NUMBER: US 07/210 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA FEATURE:
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (415) 576-0300
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US-10-271-602B-84
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PRIOR FILING DATE: 2001-12-31
NUMBER OF SEQ ID NOS: 207
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 204
LENGTH: 18
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Publication No. US20040009549A1

GENERAL INFORMATION:

APPLICANT: GRIGORIEV, IGOR VYACHESLAVOVICH

APPLICANT: SUDARSANAM, SUCHA

TITLE OF INVENTION: METHOD FOR DETECTING REMOTE HOMOLOGUES AND NOVEL

TITLE OF INVENTION: KINASES IDENTIFIED WITH THE METHOD
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Best Local Similarity
Matches 18; Conserv
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                               Sequence 541, A Publication No.
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                                                                         CURRENT APPLICATION NUMBER: US/10/321,039
CURRENT FILING DATE: 2002-12-17
PRIOR APPLICATION NUMBER: 09/998,157
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/329,113
PRIOR FILING DATE: 2001-10-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILE REFERENCE: 038602/1543
CURRENT APPLICATION NUMBER: US/10/334,143
CURRENT FILING DATE: 2002-12-31
                                                                                                                                                                                               APPLICANT: Kurensky, David
TITLE OF INVENTION: Amplification Methods and Compositions
FILE REFERENCE: FORS-06960
                                                                                                                                                                                                                                            APPLICANT: Lyamichev, Victor
APPLICANT: Lukowiak, Andrew
APPLICANT: Jarvis, Nancy
APPLICANT: Kurensky, David
                                   PRIOR APPLICATION NUMBER: 60/360,489
PRIOR FILING DATE: 2001-10-19
NUMBER OF SEQ ID NOS: 759
SOFTWARE: PatentIn versio
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: this sequence may encompass 12-18 nucleotides in length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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100.0%; Pred. No.
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Pred. No. 3.9
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Sequence 15, Application US/10785744
Publication No. US20040133941A1
GENERAL INFORMATION:
APPLICANT: Bowen, Banjamin A.
APPLICANT: Deakin, Edward
APPLICANT: Goldsmith, Neil
APPLICANT: Haudenschild, Christian
APPLICANT: Houck, David
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; OTHER INFORMATION: Synthetic
US-10-321-039-541
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PRIOR FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PATENTIN VEY. 3.2
SEQ ID NO 26
LENGTH: 18
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Best Local Similarity 100.
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LENGTH: 18
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GENERAL INFORMATION:
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS FILE REPERENCE: 38266-0011
CURRENT APPLICATION NUMBER: US/10/653,416
CURRENT FILING DATE: 2003-09-03
                                                                                                                                                   APPLICANT:
                                                                                                              APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: RASHTCHIAN, AYOUB APPLICANT: SCHUSTER, DAVID I
APPLICANT: Stafford, Angela
TITLE OF INVENTION: Methods for Identifying Genes Regulating
TITLE OF INVENTION: Desired Cell Phenotypes
FILE REFERENCE: 50273/005002
CURRENT APPLICATION NUMBER: US/10/785,744
CURRENT FILING DATE: 2004-02-23
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE
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                                                                                                                            McAlpine, James B.
Neilsen, Soren
Pazoles, Christopher
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                                                                                                                Spencer, Marget E.
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100.0%; Pred. No.
tive 0; Mismatcl
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100.0%; Pred. No.
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. 3.5e+02;
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APPLICANT: Kurmool, Purnima
APPLICANT: Wo, Betty
APPLICANT: Wo, Betty
FILE APPLICANT: Banks, Peter
FILE OF INVENTION: Method and Apparatus for Sample Tracking
FILE REFERENCE: 10255-020-999
FILE REFERENCE: 10255-020-999
CURRENT APPLICATION UNMBER: US/10/360,854
CURRENT FILING DATE: 2003-02-10
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 11
LENGTH: 18
TYPE: DNA
CURRENT DATE: 18
TYPE: DNA
CURRENT FILING DATE: 2003-02-10
                                                                                                                Sequence 1, Application US/10735592

Publication No. US20040171571A1

GENERAL INFORMATION:
APPLICANT: Art, Krieg
APPLICANT: JOESG, Vollmer
TITLE OF INVENTION: 5' CDG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592

CURRENT FILING DATE: 2003-12-11

NUMBER OF SEQ ID NOS: 69

SOFTWARE: Patentin version 3.2

SEQ ID NO 1
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COTHER INFORMATION: Synthetic US-10-785-744-15
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US-10-360-854-11
; Sequence 11, Application US/10360854
; Publication No. US20040157220A1
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; OTHER INFORMATION: Synthetic oligonucleotide US-10-735-592-1
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US-10-735-592-1
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Best Local Similarity 100.0%;
Matches 18; Conservativa
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SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 15
LENGTH: 18
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Matches 18; Conservative (
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                                                                              LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                       ORGANISM: Artificial
                                        FEATURE:
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00.0%; Pred. No. 3.5e+0
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RESULT 694
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                                                                                                                                                                                                    SEQUENCE DESCRIPTION: SEQ ID NO: 30: US-10-628-525-30
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Bent Local Similarity
Matches 18; Conserv
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Publication No. US20040185114A1
                                                                                                                                              Query Match
Best Local S
                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: Not Relevant
MOLECULE TYPE: CDNA to mRNA
                                                                                                                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Batentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/10/628,525
FILING DATE: 28-Jul-2003
CLASSIFICATION 1800
PRIOR APPLICATION NUMBER: US/08/941,445
APPLICATION NUMBER: US/08/941,445
PILING DATE: 30-SEP-1997
APPLICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
NUMBER: Winey Filen D
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                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,5
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Starch Encapsulation NUMBER OF SEQUENCES: 37
                                                                              4464 TTTTTTTTTTTTTTTT 4481
                                                                                                                                                                                                                                            HYPOTHETICAL: NO
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                                                         18 TITITITITITITITITI 1
                                                                                                                                                  Similarity
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                                                                                                                           0.2%; Score 18; DB 1; L
llarity 100.0%; Pred. No. 3.5e+02;
Conservative 0; Mismatches 0;
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100.0%; Pred. No.
tive 0; Mismatcl
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US-09-917-138-2/c

Sequence 2, Application US/09917138
Patent No. US20020031776A1
GENERAL INFORMATION:
APPLICANT: TULLIS, Richard
APPLICANT: STEIFFEL, Jerome

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RESULT 696
US-09-996-292A-55
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                                                                                                                                                                                                                                                                                          US-09-996-292A-54
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.1
SEQ ID NO 54
LENGTH: 19
             Sequence 55, Application US/09996292A Publication No. US20030158403A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 54, Application US/09996292A Publication No. US20030158403A1 GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
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                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: ENZYMATIC LABELLING AND DETECTION OF DNA TITLE OF INVENTION: HYBRIDIZATION PROBES FILE REFERENCE: 24730-2207B CURRENT APPLICATION NUMBER: US/09/917,138 CURRENT FILING DATE: 2001-07-26 PRIOR APPLICATION NUMBER: 09/580,358 PRIOR APPLICATION NUMBER: 09/580,358 PRIOR PILING DATE: 2000-05-25 PRIOR PILING DATE: 1999-05-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Prakash, Thazha P.
APPLICANT: Rajeev, Kallanthottathil Gopalan
TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: ISIS-4804
CURRENT APPLICATION NUMBER: US/09/996,292A
CURRENT FILING DATE: 2001-09-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin A.
APPLICANT: Prakash, Thazha P
APPLICANT: Manoharan, Muthiah
                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (19)..(19)
                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: N= phenoxazine
                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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Pred. No.
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3.8e+02;
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US-10-100-321-22/c RESULT 698

Sequence 22, Application US/10100321
Publication No. US20030087251A1
GENERAL INFORMATION:
APPLICANT: Kurn, Nurith
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

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APPLICANT: Prakash, Thazha P.
APPLICANT: Rajeev, Kallanthottathil Gopalan
TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: ISIS-4804
CURRENT APPLICATION NUMBER: US/09/996,292A
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.1
SEQ ID NO 55
LENGTH: 19
TYPB: """
                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/10096221

Publication No. US20020164628A1

GENERAL INFORMATION:

APPLICANT: Kurn, Nurith

ITILE OF INVENTION: METHODS AND COMPOSITIONS FOR

ITILE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES

FILE REFERENCE: 49269200700

CURRENT APPLICATION NUMBER: US/10/096,221

CURRENT FILING DATE: 2002-06-27

PRIOR APPLICATION NUMBER: US 60/274,236

PRIOR APPLICATION NUMBER: US 60/274,236

PRIOR APPLICATION NUMBER: US 60/274,236

PRIOR FILING DATE: 2001-03-09

NUMBER OF SEG ID NOS: 4

SOPTWARE: FastSEQ for Windows Version 4.0

SEMERGE: 10 NO 3

IEMPERIOR 10
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; ORCANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)...(19)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-55
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                                                                     Matches
                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: Primer FEATURE:
                                                                                                                                                                                                                                                                   LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4464 TTTTTTTTTTTTTTTT 4481
                                 4464 TITTTTTTTTTTTTT 4481
                                                                   18;
 19 TTTTTTTTTTTTTTTT
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                                                                     Conservative
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                                                                                         100.0%;
                                                                                       0.2%; Score 18;
100.0%; Pred. No.
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                                                                     0; Mismatches
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). 3.8e+02;
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罐 小花

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RESULT 700
US-10-013-295-55
; Sequence 55, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; GENERAL INFORMATION: Muthiah
; TITLE OF INVENTION: Muthiah
; TITLE OF INVENTION: Muthiah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-013-295-54
Sequence 54, Application US/10013295
Publication No. US20030175906A1
GENERAL INFORMATION:
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; OTHER INFORMATION: n = A,T,C
US-10-100-321-22
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 22
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOPTWARE: PatentIn version 3.1
SEQ ID NO 54
LENGTH: 19
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Best Local
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TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: ISIS4948
CURRENT EPPLICATION NUMBER: US/10/013,295
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/302,682
PRIOR APPLICATION NUMBER: 60/302,682
PRIOR FILING DATE: 2001-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES FILE REFERENCE: 492692000500 CURRENT APPLICATION NUMBER: US/10/100,321 CURRENT FILING DATE: 2002-03-11 PRIOR APPLICATION NUMBER: US 60/274,550 PRIOR FILING DATE: 2001-03-09
FILE REFERENCE: ISIS4948
CURRENT APPLICATION NUMBER: US/10/013,295
CURRENT FILING DATE: 2001-12-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 55
                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: N= phenoxazine
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: No. US20030175906Alel Sequence
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100.0%; Pred. No.
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FEATURE:
OTHER INFORMATION: No. US20030175906A1el Sequence;
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: N= G-clamp modification
US-10-013-295-55
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US-09-263-689-50/c
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APPLICANT: Koshiyama, Junko
APPLICANT: Hibino, Takashi
TITLE OF INVENTION: Process for obtaining plant DNA fragment and use thereof
FILE REFERENCE: 100021-09042
CURRENT APPLICATION NUMBER: US/09/444,388
CURRENT FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/302,682
PRIOR FILING DATE: 2001-07-03
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.1
SEQ ID NO 55
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 26
TYPB: DNA
                                                                                                                                                                                                                                                                     Sequence 50, Application US/09263689 Patent No. US20020150970A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/09444388
Patent No. US20020170084A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.2%; Score 18; DB 1; Length 19; Best Local Similarity 100.0%; Pred. No. 3.8e+02; Matches 18; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches 21; Conservative
                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Gentz, Reiner L.
APPLICANT: Ruben, Steven M.
TITLE OF INVENTION: Galectin
NUMBER OF SEQUENCES: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Synthetic primer for PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                    STATE: D
                                                                                          CITY: Washington
                                                                                                         STREET:
                                       ZIP: 20005-3934
                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4464 TTTTTTTTTTTTTTTT 4481
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                                                                                                           E: Sterne, Kessler,
                                                        USA
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Pred. No. 5.9e+02;
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                                                                                                            Goldstein,
Suite 600
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                                                                                                                             & Fox P.L.L.C.
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PRIOR APPLICATION NUMBER: 60/236,455
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEARTER:
US-10-235-674-50/c
US-10-235-674-50/c
/ Sequence 50, Application US/10235674
/ Publication No. US20030040081A1
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US-09-951-121A-13/c
; Sequence 13, Application US/09951121A
; Publication No. US20030104978A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Perseon, Egon
APPLICANT: Olsen, Ole Hvilsted
TITLE OF INVENTION: Human Coagulation Factor VII Variants
FILE REFERENCE: 6224.200-US
CURRENT APPLICATION NUMBER: US/09/951,121A
CURRENT FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: PA 2000 01361
PRIOR FILING DATE: 2000-09-13
PRIOR FILING DATE: 2000-09-13
                                                                                                                                                                                      Matches
                                                                                                                                                                                                 Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CUMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,689
FILING DATE:
CLASCIPPATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Steffe, Eric K.
REGISTION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 141
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
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Local Similarity 80.8%;
nes 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 27 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX:
                                                                                                                                   983 CCAAGGAGATCAAGGGCCTGAAGGTG 1008
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ER: 1488.0560001/EKS/SGW
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Pred. No. 6.3e+0;
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Pred. No. 6.3e+02;
                                                                                                                                                                                  Mismatches
                                                                                                                                                                           3.3e+02;
5;
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GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Ruben, Steven M.
APPLICANT: Ruben, Steven M.
TITLE OF INVENTION: Galectin 9 and losv Polynucleotides
FILE REFERENCE: 1488.056004
CURRENT APPLICATION NUMBER: US/10/235,674
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 09/656,450
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: US 09/263,689
PRIOR APPLICATION NUMBER: US 08/946,914
PRIOR FILING DATE: 1999-01-09
ROOR FILING DATE: 1996-10-09
NUMBER OF SEQ ID NOS: 60
SOFTWARE: Patentin version 3.0
SEQ ID NO 50
LENGTH: 27
TYPE: DNA
                                                                                                                                                                                                                                                                                 FILE REFERENCE: 6224.200-US
CURRENT APPLICATION NUMBER: US/10/295,682
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: PA 2000 01361
PRIOR APPLICATION NUMBER: PA 2000 01361
PRIOR PILING DATE: 2000-09-13
PRIOR APPLICATION NUMBER: 60/236,455
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 27
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// ORGANISM: synthetic construct
US-10-235-674-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 13, Application US/10295682
publication No. US20030100740A1
GENERAL INFORMATION:
APPLICANT: Person, Egon
APPLICANT: Olsen, Ole Hvilsted
APPLICANT: Olsen, Ole House of Applicant of Applicant of Invention: Human Coagulation Factor VII Variants
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Best Local Similarity
Matches 21; Conserv
                                                                                    Matches
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Best Local S
                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                  OTHER INFORMATION: Synthetic
                                       983 CCAAGGAGATCAAGGGCCTGAAGGTG 1008
                                                                                 21;
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26 CCCTGGAGCTCAAGGTCCTCAAGGTG
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                                                                                                         Similarity
                                                                                    Conservative
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Pred. No. 6.3e+02;
                                                                                                         Score 18; DB 1;
Pred. No. 6.3e+0;
                                                                                    Mismatches
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US-10-418-182-175

Sequence 175, Application US/10418182
Publication No. US20030228302A1
GENERAL IMPORMATION:
APPLICANT: Crea, Roberto

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US-10-380-195A-15
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 414
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LENGTH: 27
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                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                     Sequence 15, Application US/10380195A Publication No. US20040072776A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR PILING DATE: 2002-04-17
              TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
TITLE OF INVENTION: Oligodeoxymucleotides for Prostate and Endocrine Tumor Therapy
FILE REFERENCE: UBC.P-02
CURRENT APPLICATION NUMBER: US/10/380,195A
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: PCT/US01/28748
PRIOR PILING DATE: 2001-09-13
                                                                                                                                                     APPLICANT: Nelson, Colleen APPLICANT: Rennie, Paul
                                                                                                                                                                                         APPLICANT: Gleave, Martin
APPLICANT: Kiyama, Satoshi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/232,641
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6; Conservat
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ilarity 23.1%;
Conservative 20
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; OTHER INFORMATION: IGFBP2 antisense US-10-380-195A-15
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NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatentIn version 3.2
SEQ ID NO 15
                                                                                                                                                                                   Sequence 61, Appropriate Publication No.
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SEQ ID NO 9116
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Best Local Similarity 90.5%;
                                                                                                                                                                  GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REPERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR PILING DATE: 1999-10-20
PRIOR PILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cohen, Daniel
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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ORGANISM: Homo Sapiens
PEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-22333 for SEQ 1251, in comple
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Chumakov, I
                                                                                                                                                                                                         Application US/09776479
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Pred. No. 4.
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Pred. No. 4.7e+02;
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GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Prouron, Yves
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION UNMBER: US/09/79,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR PILING DATE: 1999-09-27
PRIOR PRIOR PILING DATE: 2000-08-23
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; Sequence 61, Application US/10314578
; Publication No. US20030212026A1
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LENGTH: 22
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 61
LENGTH: 22
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Best Local Similarity
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                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                           APPLICANT: Krieg, Arthur M. APPLICANT: Schetter, Chris
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ORGANISM: Artificial Sequence
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Pred. No. 5.1e+02;
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Pred. No. 5.1e+02;
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GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids

FILE REFERENCE: C1037/7025 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/10/017,995

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR FILING DATE: 2000-12-14

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 61

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-61
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US-10-112-653-55
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Best Local Sim:
Matches 19;
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SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 55
LENGTH: 22
TYPE: DNA
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SOFTWARE: FRASTSEQ for Windows Version
SEQ ID NO 61
LENGTH: 22
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Best Local Similarity
Matches 19; Conserv
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMS
FILE REFERENCE: CO1039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
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OTHER INFORMATION: Synthetic Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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ilarity 90.5%;
Conservative
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)0.5%; Pred. No. 5.1e+02
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Pred. No. 5.1e+02
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APPLICANT: Oulmassov, Tim
APPLICANT: Dubois, Patrice
FILE REFERENCE: 16515.14
CURRENT APPLICATION NOWBER: US/10/429,555
CURRENT FILING DATE: 2003-05-05
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 15
LENGTH: 22
Type----
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
                                ; ORGANISM: Artificial sequence
; PEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-429-555-15
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US-10-106-749-3
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Publication No. US20030165879A1
GENERAL INFORMATION:
APPLICANT: Inscent, Inc.
APPLICANT: Woods, Daniel
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Best Local Similarity 90.5%;
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Best Local Similarity
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Query Match
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APPLICANT: Dimitratos, Spiros
APPLICANT: Dimitratos, Spiros
TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECE
TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICEINT METHODS TO ISOLAT
TITLE OF INVENTION: INVOVLVED IN OLFACTION AND IDENTIFYING ACTIVE EFFECTORS
FILE REFERENCE: INS-00101.P.1.1
CURRENT APPLICATION NUMBER: US/10/106,749
CURRENT FILING DATE: 2002-03-26
FRIOR APPLICATION NUMBER: 60/279,168
FRIOR APPLICATION NUMBER: 60/353,392
FRIOR APPLICATION NUMBER: 60/353,392
FRIOR FILING DATE: 2002-01-31
FRIOR FILING DATE: 2002-01-31
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Pred. No. 5.1e+02;
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Pred. No. 5.1e+02;
0; Mismatches 2;
 Score 17.8;
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Length 22;
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RESULT 717
US-09-866-108-13911
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                                                                                                                                              ; "TYPE: DNA; ORGANISM: Homo sapiens US-09-866-108-13911
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PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: DCT/US01/00666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13911, Application US/09866108 Patent No. US20020048800A1
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SEQ ID NO 13911
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                                                                                      Query Match
Best Local S
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 15752
                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/266,860
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: GU, Yizhong
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                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2001-02-05
                                                                                                                                                                                                    LENGTH: 25
                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US01/00661
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00662 FILING DATE: 2001-01-30
                            5545 GGTGCATGCAGATGGAGAAGT 5565
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 GGTGCATGGAGCTGGAGAAGT
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                                                                           Conservative
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                                                                                            Score 17.8; DB 1;
Pred. No. 6.1e+02;
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                                                                                                             Length 25;
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US-09-866-108-13912

RESULT 718

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APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
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US-09-776-479-943
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                                                                                                                                                                      Sequence 943, Application US/09776479 Publication No. US20030087848A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conserv
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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Vesa
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1031/1913 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER CT. TO THE DATE: 2001-02-05
NUMBER CT. TO THE DATE: 2001-02-05
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APPLICANT: JI, Yongga
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US01/00662
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PENN, Sharron
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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Pred. No. 6.1e+02;
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APPLICANT: Krieg, Arthur M.
APPLICANT: Volher, Christian
APPLICANT: Volher, Christian
APPLICANT: Volher, Jorg
ITILE OF INVENTION: Immunostimulatory Nucleic Ac.
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
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PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 943
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 943
LENGTH: 25
                                                                                                                                                                                                                                                  Sequence 943, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-03
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR PILING DATE: 2000-02-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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19; Conserv
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o. US20030212026A1
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Pred. No. 6.1e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 17.8; DB 1;
Pred. No. 6.1e+02;
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APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Anglogenesis by FILE REFERENCE: Cl03/7025 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/10/017,995

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534

PRIOR FILING DATE: 2000-12-14

NUMBER OF SEQ ID NOS: 1093

SOPTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 943

LENGTH: 25
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US-10-112-653-911
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SOFTWARE: FASCSEQ for Windows Version
SEQ ID NO 943
LENGTH: 25
TYPE: DNA
                                                                                                                                                                                                                                                                                       Sequence 943, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/112,653

CURRENT FILING DATE: 2002-03-29

PRIOR APPLICATION NUMBER: US 60/279,642

PRIOR PILING DATE: 2001-03-29

RIOR FILING DATE: 2001-03-29

RUMBER OF SEQ ID NOS: 1040

NUMBER OF SEQ ID NOS: 1040
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                                  ORGANISM: Artificial Sequence
OTHER INFORMATION: Synthetic Sequence
                      ZEATURE:
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Pred. No. 6.1e+02;
0; Mismatches 2;
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Pred. No. 6.1e+02;
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WIMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 80656
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-80656
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US-10-723-361-13911
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US-10-098-263B-80656/c
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                                                  PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
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Best Local S
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APPLICANT: MICHMAN
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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                                     FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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Pred. No. 6.1e+02;
0; Mismatches 2
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Pred. No. 6.1e+02;
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US-10-723-361-13912
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US-10-723-361-13911
                                                                                                                                                                      ; ORGANISM: Homo sapiens 
US-10-723-361-13912
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PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PRIOR DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PRILING DATE: 2000-09-27
PRIOR PRILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PRILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 13911
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 13912, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
                                                                               Best Local Similarity Matches 19; Conserv
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CURRENT FILING DATE: 2003-11-26
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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TYPE: DNA
                                                                                                                                                                                                              TYPE: DNA
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
                            GGTGCATGCAGATGGAGAAGT 5565
GGTGCATGGAGCTGGAGAAGT 21
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Pred. No. 6
                                                                               Score 17.8; DB 1;
Pred. No. 6.1e+02;
0; Mismatches 2;
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CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOPTWARE: Patentin version 3.1
SEO ID NO 20
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                     RESULT 729
US-10-655-751-36
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US-10-309-775A-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Human beta-actin reverse primer US-10-108-969-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-108-969-8/c
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Sequence 36, Application US/10655751
Publication No. US20040138423A1
GENERAL INFORMATION:
APPLICANT: KING, GLENN F.
APPLICANT: WANG, XIU-HONG
TITLE OF INVENTION: INSECTICIDAL COMPOUNDS
FILE REFERENCE: 883933.0091
CURRENT APPLICATION NUMBER: US/10/655,751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 20, Application US/10309775A Publication No. US20040006032A1 GENERAL INFORMATION:
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Publication No. US20030198959A1
GENERAL INFORMATION:
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Matches
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LENGTH: 32
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TITLE OF INVENTION: Methods and Compositions for Analysis of Urine Samples in the Dia TITLE OF INVENTION: and Treatment of Kidney Diseases
FILE REFERENCE: 65988-0001
CURRENT APPLICATION NUMBER: US/10/108,969
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: LOPEZ, Ricardo TITLE OF INVENTION: IMMUNO FILE REFERENCE: 2901/0M327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 2002-03-
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                            4018 AGAAAAAAGAGAGAAAACAAAATG 4041
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                                                                                                                                                                                                                                AAAAAAAAAAAAAAAACAAAATG 1
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N: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
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Pred. No. 8.4e+02;
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Pred. No. 6.2e+02;
0; Mismatches 4
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                                          AND METHODS FOR SELECTION THEREOF
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Sequence 96623, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:

APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066
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US-09-838-386-22
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PRIOR APPLICATION NUMBER: 10/436,324
PRIOR FILING DATE: 2003-05-12
PRIOR APPLICATION NUMBER: 09/780,874
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2000-02-10
NUMBER OF SEQ ID NOS: 36
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LENGTH: 24
TYPE: DNA
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Best Local S
Matches 1
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Best Local Similarity 83.3%;
Matches 20; Conservative
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TITLE OF INVENTION: Internal De No. US20010055756Alo Initiation Sites of the HCV NS5E
TITLE OF INVENTION: Thereof
FILE REFERENCE: 1011.2180001
CURRENT APPLICATION NUMBER: US/09/838,386
CURRENT FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: US 60/198,793
PRIOR APPLICATION STEE US 60/198,793
PRIOR PRIOR DATE: 2000-04-21
NUMBER OF SEQ ID NOS: 25
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OTHER INFORMATION: RNA initiation site
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                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity 4.2%;
nes 1; Conservative
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Pred. No. 6.5e+02;
19; Mismatches 4;
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Pred. No. 6.2e+02;
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Sequence 113847, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
                                                                                                                                                                                                SEQUENCE 124466

Sequence 124466

Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOPTWARE: Microarray Probe Sequence Listing G
SEQ ID NO 124486
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US-10-098-263B-96623
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                                                                                                                          ; TYPE: DNA; Homo sapien; ORGANISM: Homo sapien US-10-098-263B-124486
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; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-113847
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                                    Query Match
Best Local Similarity 83.3
Conservative
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Best Local Similarity 83.3%;
Matches 20; Conservative
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Best Local Similarity 83.3%;
Matches 20; Conservative
                                                                                                                                                                                    ENGTH: 25
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2595 TGTCTCTATCCCAGCACCTGCCTA 2618
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                                                                    0.2%;
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Pred. No. 6.5e+02;
0; Mismatches 4;
                                                Score 17.6; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 4;
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Pred. No. 6.5e+02;
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                                                                                      Length 25;
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Sequence 130464, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: GUO, HONG-Fen
FILE REFERENCE: 676-A-PCT
CURRENT APPLICATION NUMBER: US/10/273,762
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 60/330,396
PRIOR FILING DATE: 2001-10-17
PRIOR FILING DATE: 2001-0-17
PRIOR APPLICATION NUMBER: 10/997,558
PRIOR APPLICATION NUMBER: 10/997,558
PRIOR FILING DATE: 2002-03-08
PRIOR FILING DATE: 2002-01-018
PRIOR PLICATION NUMBER: PCT/US01/32565
PRIOR PLICATION NUMBER: PCT/US01/32565
PRIOR PLICATION NUMBER: PCT/US01/32565
PRIOR PLICATION NUMBER: 2001-10-18
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.1
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US-10-098-263B-130464/c
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US-10-717-597-3552/c
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; ORGANISM: Homo Sapiens
US-10-273-762-13
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US-10-098-263B-130464
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                                                                             Sequence 3552, Application US/10717597 Publication No. US20040110221A1 GENERAL INFORMATION:
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Best Local Similarity 83.3%;
Matches 20; Conservative
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LENGTH: 25
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                          APPLICANT: Wyeth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: CHEUNG,
APPLICANT: GUO, H
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                                                                                                                                                                                                                                                                     527 CCATTGGCAACGAACGGGTCGACT 550
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Similarity 83.3%;
20; Conservative
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                   Burczynski, Michael
Twine, Natalie C.
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Pred. No. 6.5e+02;
0; Mismatches 4
                                                                                                                                                                                                                                                                                                              0
                                                                                                                                                                                                                                                                                                            Score 17.6; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 4;
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                                                                                                                                                                                                                                                                                                                                                     Length 25;
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US-10-775-169-2736/c

Sequence 2736, Application US/10775169 Publication No. US20040175743A1 GENERAL INFORMATION:

APPLICANT: Wyeth APPLICANT: Burc APPLICANT: Twin

Burczynski, Michael Twine, Natalie RESULT 738

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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Twine, Natalie C.
APPLICANT: Twine, Natalie C.
APPLICANT: Torner, Andrew J.
APPLICANT: Dorner, Andrew J.
APPLICANT: Trepicchio, William L.
APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
FILE REFERENCE: AM10.1080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2003-04-03
PRIOR FILING DATE: 2003-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Trepicchio, William L.
APPLICANT: Slowim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCIENTERNT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2003-04-1-21
PRIOR FILING DATE: 2003-04-03
PRIOR FILING DATE: 2003-01-0-1
SOPTWARE: PACENTIN VETSION 3.2
SEQ ID NO 3552
LENGTH: 25
TYPE: DNA
OPCANTSM: Home serions
                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4270
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                                                                                              Matches
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Best Local
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Best Local Similarity 83.3%;
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                           4123 TTGAGCCATCAGAATGAACTGTGT 4146
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24 TTGAGCCTTCAGAATGATTTGGGT 1
                                                                                                               h 0.2%;
Similarity 83.3%;
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                                                                                                                      Score 17.6; DB 1;
Pred. No. 6.5e+02;
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Pred. No. 6.5e+02
                                                                                              Mismatches
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                                                                                                                                          DB 1;
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; SEQ ID NO 2736
; LENGTH: 25
; TYPB: DNA
; ORGANISM: probe
US-10-775-169-2736
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US-10-775-169-4680/c
                                                                        APPLICANT: LAXBUNSKI, MICHEL
ARPLICANT: LAMBEAU, GERARD
APPLICANT: VALENTIN, EMMANUEL
APPLICANT: VALENTIN, EMMANUEL
APPLICANT: VALENTIN, ENMANUEL
APPLICATION: NOVEL MAMMALIAN SECRETED GRO
FILE REFERENCE: 1478-R-00
CURRENT APPLICATION NUMBER: US/09/975,456B
CURRENT FILING DATE: 2000-08-27
PRIOR APPLICATION NUMBER: 60/239,491
PRIOR FILING DATE: 2000-10-11
                                                                                                                                                                                                                                                                                                                        US-09-975-456B-4/c
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best Local Similarity 83.3%;
Matches 20; Conservative
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APPLICANT: Burcz
APPLICANT: Twine
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.2 SEQ ID NO 4680
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SOPTWARE: PatentIn version 2.1
SEQ ID NO 4
LENGTH: 26
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CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
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APPLICANT: Dorner, Andrew
APPLICANT: Treplochio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
                                                              NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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o. US20040175743A1
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Pred. No. 6.5e+02
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Pred. No. 6.5e+02;
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US-10-309-775A-74/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 742
US-09-263-959-793/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: PCR primer US-10-309-775A-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 74
LENGTH: 28
TYPE: DNA
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sest Local Similarity 83.3%;
Matches 20; Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
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Best Local Similarity 83.3%;
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 793, Application US/09263959 Patent No. US20020150891A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REPERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOST
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                                                                                                                                                                                                                                                                                               APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH
NUMBER OF SEQUENCES: 1279
NUMBER OF SEQUENCES: 1279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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                                                                                                                                                                  ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                   APPLICATION NUMBER: FILING DATE: 05-MAR CLASSIFICATION:
                                                                                                                                                                                                                                               CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                       STREET:
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6300 Columbia Center,
                                                           05-MAR-1999
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                                                                           US/09/263,959
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Pred. No. 7.6e+02;
0; Mismatches 4;
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Pred. No. 6.9e+02;
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                                                                                                                    Version #1.25
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; OTHER INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: oligonucleotide US-09-563-728A-7
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Sequence 16, Application US/09563728A
Publication No. US20030078216A1
GENERAL INFORMATION:
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US-09-563-728A-7/c
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CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 7, Application US/09563728A
Publication No. US20030078216A1
GENERAL INFORMATION:
APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoumei
APPLICANT: Besterman, Jeffrey M
TITLE OF INCENTION: Inhibition of Histone Deaceylase
                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity Matches 18; Conserv
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                                                     APPLICANT: Besterman, Jeffrey M
TITLE OF INVENTION: Inhibition of Histone Deaceylase
FILE REFERENCE: 106101.29
CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR EPILING DATE: 1999-05-03
                                                                                                                                                                    APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoumei
APPLICANT: Besterman, Jeffi
                               NUMBER OF SEQ ID NOS: 36
SOFTWARE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Match 0.2%;
Local Similarity 94.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                   7415 GCAGCAGCAGCAGCAG 7433
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                 PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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Pred. No. 5.1e+02;
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Pred. No. 4.8e+02;
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; TYPE: DNA;
; ORGANISM: Artificial Sequence;
; PEATURE:
; NAME/KEY: modified base
; LOCATION: 1-4 and I7-20 are modified
; OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose;
; OTHER INFORMATION: substituted nucleotides; positions 5-16 are
; OTHER INFORMATION: deoxyribonucleotides
US-09-563-728A-16
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TELEPAX: 512/4/TELEPAX: 512/4/TELEPA
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Best Local Similarity
Matches 18; Conserv
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Publication No. US20030224355A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/927,219
APPLICATION NUMBER: 08/927,219
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,056
FILING DATE: 02-0CT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/025,719
APPLICATION NUMBER: US 60/025,719
                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 60/025,719
FILING DATE: 10-SEP-1996
ATTORNEY/AGENT INFORWATION:
NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD:272
TELECOMMUNICATION INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/754,106
FILING DATE:
FILING DATE:
FILING DATE:
CONTINUE TO THE POWER TO
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APPLICANT: Menzel, Stephen
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
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CORRESPONDENCE ADDRESS:
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COUNTRY: USA
ZIP: 77210
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TELEPAX: 512/474-7577
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Furuta, Hiroto
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US-10-145-493B-52/c
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                                                                                                                                                                                                                                                                                                                                 RESULT 747
US-10-315-962-67
                                                         ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-962-67
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 94.7
                                                                                                                                                                                                                                                                                      Sequence 67, Application US/10315962
Publication No. US20040109848A1
GENERAL INFORMATION:
                                                                                                                              SEQ ID NO 67
LENGTH: 20
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Matches 18; Conserve
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Query Match 0.:
Best Local Similarity 94.
Matches 18; Conservative
                                                                                                                                                       APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
FILE REFERENCE: PTS-0046
CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
                                                                                                ORGANISM: Artificial Sequence
                                                                                    FEATURE:
                                                                                                                 TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.2%;
0.2%; Score 17.4; DB 1; Length 20; 94.7%; Pred. No. 5.1e+02; tive 0; Mismatches 1; Indels
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Pred. No. 5.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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PILE REPERENCE: 01455 1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: PatentIn version 3.2
SEQ ID NO 141
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
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RESULT 750
US-10-098-263B-120259/c
; Sequence 120259, Application US/10098263B
; Publication No. US20030104410A1
                                                                                                           문
                                                                                                                                                                                                                                                      ; FEATURE:
; OTHER INFORMATION: human mitoNEET antisense
US-10-728-399-141
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US-10-728-399-141
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US-10-671-395-616
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
FILE REPERENCE: 1179/1/US
FULR REPERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT PILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 141, Application US/10728399 Publication No. US20040132078A1 GENERAL INFORMATION:
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GENERAL INFORMATION
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Best Local Similarity
Matches 18; Conserva
                                                                                                                                                                               Query Match 0.2
Best Local Similarity 94.7
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Pharmacia Corp. APPLICANT: Colca, Jerry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PHICANT: Colca, Jerry
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                                                                                                                                               4464 TITTITTTTTTTTTTTT 4482
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                                                                                                                                                                                                   Score 17.4; DB 1;
Pred. No. 5.1e+02;
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Pred. No. 5.1e+02
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GENERAL INFORMATION:

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RESULT 752
US-10-775-169-4640
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; ORGANISM: Homo sapiens
US-10-717-597-2726
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC ANI
FILE REFERENCE: AM101080L
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
NUMBER OF SEQ ID NOS: 4904
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US-10-717-597-2726/c
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; ORGANISM: Homo sapien
US-10-098-263B-120259
                                                                                                                                        Sequence 4640, Application US/10775169 Publication No. US20040175743A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 18; Conserv
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Hest Local Similarity 94.7%;
Matches 18; Conservative
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SOFTWARE: Microarray Probe Sequence Listing
SEQ ID NO 120259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.2
SEQ ID NO 2726
LENGTH: 25
TYPE: DNA
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APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Twine, Natalie
APPLICANT: Trepicchio, William
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In
FILE REFERENCE: AM101080 (031896-013000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
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APPLICANT: Burc:
APPLICANT: Twin
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APPLICANT:
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Dorner, Andrew J.
Trepicchio, William L.
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                                                                                                                                                                                                                                                                                                                                                                Conservative
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Pred. No. 7e+02;
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                                                                       ; ORGANISM: primer LOX 48L
US-09-978-522-39
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                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 754
US-09-978-522-39/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: primer LOX 27U
US-09-978-522-34
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LENGTH: 22
TYPE: DNA
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Publication No. US20030033627A1
GENERAL INFORMATION:
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CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4640
LENGTH: 25
TYPE: DNA
TYPE: DNA
                                                                                                                                                                                                                                                                                                              Sequence 39, Application US/09978522
Publication No. US20030033627A1
GENERAL INFORMATION:
APPLICANT: Descenzo, Richard
APPLICANT: Irelan, Nancy
                                                                                                            SOFTWARE: PatentIn version 3.0
SEQ ID NO 39
LENGTH: 22
TYPE: DNA
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Best Local Similarity
Matches 18; Conserv
Query Match 0.2%;
Best Local Similarity 86.4%;
Matches 19; Conservative
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Best Local Similarity 86.4%;
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APPLICANT: Irelan, Mancy
TITLE OF INVENTION: Lipoxygenase Genes From Vitis Vinifera
FILE REFERENCE: 29520/37890
CURRENT APPLICATION NUMBER: US/09/978,522
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 60/241,220
PRIOR FILING DATE: 2000-10-16
NUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                APPLICANT: Irelan, Nancy
TITLE OF INVENTION: Lipoxygenase Genes From
FILE REFERENCE: 29520/37890
CURRENT APPLICATION NUMBER: US/09/978,522
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 60/241,220
PRIOR FILING DATE: 2000-10-16
ROTERIADE DATE: 2000-10-16
RUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.0
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 Score 17.2; DB 1;
Pred. No. 6.4e+02;
0; Mismatches 3
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Pred. No. 6.4e+02;
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                                        DB 1;
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                                  Length 22;
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   Gaps
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7019

TTACAGAGGAAAATAGGAAACC 7040

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US-10-128-456-20/c
; Sequence 20, Application US/10128456
; Sequence 20, Application US/10128456
; Publication No. US20030204874A1
; GENERAL INFORMATION:
; APPLICANT: Korea Kumho Petrochemical Co., Ltd.
TITLE OF INVENTION: Transgenic Plants with Enhanced Stress Tolerance
; FILE REFERENCE: 1942/51
; CURRENT APPLICATION NUMBER: US/10/128,456
; CURRENT FILING DATE: 2002-04-24
; NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Methods for Detection of Transition
TITLE OF INVENTION: Single-Nucleotide Polymorphisns
FILE REFERENCE: FCCC 96-21
CURRENT APPLICATION NUMBER: US/10/629,951
CURRENT FILING DATE: 2003-07-29
PRIOR APPLICATION NUMBER: US/99/629,222A
PRIOR FILING DATE: 2000-07-31
PRIOR FILING DATE: 2000-07-31
PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: US/09/628
PRIOR APPLICATION NUMBER: US/09/63,891
PRIOR APPLICATION NUMBER: 05/463,891
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US-10-629-951-7/c
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; OTHER INFORMATION: PCR primer
US-10-629-951-7
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SEQ ID NO 7
LENGTH: 22
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Publication No. US2004001850A1
GENERAL INFORMATION:
APPLICANT: Bellacosa, Alfonso
                                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 23
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                        PEATURE:
OTHER INFORMATION: PCR Primer
                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%;
Local Similarity 86.4%;
les 19; Conservative
                                                                                                      Match 0.2%; Score 17.2; DB 1; Local Similarity 86.4%; Pred. No. 6.8e+02;
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                                        3940 CTTGATGGTCAAGTCTCTTATG 3961
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                                                                                    Conservative
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Pred. No. 6.4e+02;
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                                                                                                                                 DB 1;
                                                                                                                            Length 23;
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                                                                                      Indels
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GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

APPLICANT: Bishop, Paul D.

APPLICANT: Bishop, Paul D.

TITLE OF INVENTION: MANMALIAN ADHESION PROTEASE PEPTIDES

FILE REFERENCE: 99-39

CURRENT APPLICATION NUMBER: US/10/177,308

CURRENT FILING DATE: 2002-06-21

PRIOR APPLICATION NUMBER: US/09/632,098

PRIOR FILING DATE: 2000-08-02

NUMBER OF SEQ ID NOS: 26

SOPTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 24

LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5
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                                                                                                                                         OTHER INFORMATION: PCR primer US-10-309-775A-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 758
US-10-309-775A-21/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    문
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                                                                                                                                                                                            SEQ ID NO 21
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 24, Application US/10177308
Publication No. US20030175262A1
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 21, Application US/10309775A Publication No. US20040006032A1 GENERAL INFORMATION: APPLICANT: LOPEZ, Ricardo A.
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Matches :
                                                                                    Query Match
Best Local s
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                                                                     Matches
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                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: ologonucleotide ZC21,076
                                                                                                                                                                                 FEATURE:
                                                                                  Match 0.2%;
Local Similarity 86.4%;
                      4020 AAAAAAGAGAGAAAAACAAAATG 4041
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24 AAAAAAAAAAAAAAAAATG 3
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                                                                       Conservative
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Pred. No. 6.8e+02;
0; Mismatches 3
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                                                                                        Score 17.2; DB 1;
Pred. No. 7.2e+02;
                                                                       Mismatches
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                                                                                                       Length 24;
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RESULT 7-3 US-10-025-145A-100/c ; Sequence 100, Application US/10025145A ; Publication No. US20030175861A1 ; GENERAL INFORMATION: ; APPLICANT: Croteau, Rodney B. ; APPLICANT: Bohlmann, Joerg ; APPLICANT: Steele, Christopher L. ; APPLICANT: Phillips, Michael A.

RESULT 759

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US-10-198-447A-21/c
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US-10-025-145A-101
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                                                                                                       RESULT 761
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US-10-025-145A-101
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US-10-025-145A-100
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CURRENT APPLICATION NUMBER: US/10/025,145A
CURRENT FILING DATE: 2002-06-28
PRIOR APPLICATION NUMBER: US 09/360,545
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US98/14528
PRIOR FILING DATE: 1998-07-10
PRIOR APPLICATION NUMBER: US 60/052,249
PRIOR FILING DATE: 1997-07-11
                    Sequence 21, Application US/10198447A Publication No. US20040018622A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 101
LENGTH: 24
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APPLICANT: Croteau, Rodney B.
APPLICANT: Bohlmann, Joerg
APPLICANT: Steele, Christophe
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Best Local
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                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bohlmann, Joerg
APPLICANT: Steele, Christopher L.
APPLICANT: Steele, Christopher L.
APPLICANT: Steele, Christopher L.
APPLICANT: Philips, Michael A.
TITLE OF INVENTION: Monoterpene Synthases from Grand Fir (Abies Grandis)
FILE REFERENCE: WSUR118414
CURRENT APPLICATION NUMBER: US/10/025,145A
CURRENT FILING DATE: 2002-06-28
PRIOR APPLICATION NUMBER: US 09/360,545
PRIOR PILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-07-10
PRIOR APPLICATION NUMBER: WS 09/10/052,249
PRIOR APPLICATION NUMBER: WS 09/052,249
PRIOR FILING DATE: 1997-07-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn version 3.1
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SOFTWARE: PatentIn version 3.1
APPLICANT: Mitchell, Lloyd G.
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                           l Similarity
19; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/10025145A o. US20030175861A1
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Pred. No. 7.2e
0; Mismatches
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Pred. No. 7.2e+02
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                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
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SEQ ID NO 21
LENGTH: 24
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GENERAL INFORMATION
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: MYOSIN-LIKE GENE EXPR
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/198,447A
CURRENT FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 31
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APPLICANT: Dallinger, Guenter
APPLICANT: Klausegger, Alfred
APPLICANT: Klausegger, Alfred
APPLICANT: Bauer, Johann
TITLE OF INVENTION: SPLICEOSOME-MEDIATED RNA TRANS-SPLICING
TITLE OF INVENTION: FOR CORRECTION OF SKIN DISORDERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                       APPLICATION NUMBER: PCT/US01/00661 FILING DATE: 2001-01-30
                   APPLICATION NUMBER: US 60/234,687 FILING DATE: 2000-09-21
                                                                         FILING DATE:
                                                                                                    APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                              FILING DATE: 2001-01-30
                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                 FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
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Dallinger, Guenter
Klausegger, Alfred
Bauer, Johann
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PENN, Sharron
HANZEL, David
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NUMBER: US 60/266,860
                                                                                                                                                                                                                                 2001-01-30
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Pred. No. 7.2e
0; Mismatches
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CURRENT APPLICATION NUMBER: US/09/853,830
CURRENT FILING DATE: 2001-09-18
NUMBER OF SEQ ID NOS: 184
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 166
SEQ ID NO 166
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-853-830-166
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13906

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US-09-899-642-11
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Patent No. US20020107388A1
GENERAL INFORMATION:
APPLICANT: Vandenbark, Arthur A.
TITLE OF INVENTION: Disease-Associated T Cells
FILE REFERENCE: P-IM 4734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 13906
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 11, Application US/098; Publication No. US20030041346A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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Local Similarity 86.4%;
nes 19; Conservative
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Local Similarity 86.4%;
tes 19; Conservative
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                                                                                                                                                                                                                                                Moller, Birger
TITLE OF INVENTION: Cytochrome P450 Monooxygenases
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Syngenta Patent Dept.
                                               ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARBE: PBECENTIN Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5155 GGGGAGTTCTCCTGGGACAGTG 5176
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                 APPLICATION NUMBER: US/09/899,642 FILING DATE: 05-Jul-2001
                                                                                                                                                                                                  CITY: RTP
STATE: NC
                                                                                                                                                                                                                                 ADDRESSEE: Syngenta Patent Dept.
STREET: 3054 Cornwallis Road
                                                                                                                                                                             COUNTRY: USA
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/09899642
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Pred. No. 7.6e+02;
0; Mismatches 3
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Pred. No. 7.
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US-10-098-263B-7610

Sequence 7610, Application US/10098263B publication No. US20030104410A1 GENERAL INFORMATION: APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray FILE REPERBNCE: 3118.1 CURRENT APPLICATION NUMBER: US/10/098,263B CURRENT FILING DATE: 2003-01-08

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APPLICANT: Gunderson, Kevin
APPLICANT: Chee, Mark
APPLICANT: Chee, Mark
TITLE OF INVENTION: Probes and Decoder Oligonucleotides
FILE REFERENCE: A-69605-1
CURRENT APPLICATION NUMBER: US/09/940,185
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: US 60/227,948
PRIOR FILING DATE: 2000-08-25
PRIOR PRILING DATE: 2000-08-29
PRIOR APPLICATION UMBER: US 60/228,854
PRIOR PILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 4768
OURSELLE DATE: 2000-08-29
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                                                                                                                                                               US-09-940-185-4598
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Best Local Similarity 86.4%;
Matches 19; Conservative
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                                                                                                 Query Match
Best Local S
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                                                                              Matches
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                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 919-541-8 INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                  OTHER INFORMATION: Computer Generated Probe Sequence
                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                   ENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 09/3 FILING DATE: 12-NOV-1999 ATTORNBY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4460 GGACTTTTTTTTTTTTTTT 4481
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                                      433 GAATACATGGTCCAGCATTTCA 454
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                                                                                                   Similarity
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TYPE: nucleic acid
STRANDEDNESS: single
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GGATCCTTTTTTTTTTTTTTT 24
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                                                                          0.2%; Score 17.2; DB 1; Length 25; 86.4%; Pred. No. 7.6e+02; tive 0; Mismatches 3; Indels
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Pred. No. 7.6e+02;
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PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOPTWARE: Microarray Probe Sequence Lis
SEQ ID NO 25223
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-25223
                                                                                                                                                                                                                                                                                                                                                                        US-10-098-263B-2523/c
Sequence 25223, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 7610
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%;
Best Local Similarity 86.4%;
Matches 19; Conservation
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 19557
LENGTH: 25
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                                                   Query Match 0.2%;
Best Local Similarity 86.4%;
Matches 19; Conservative
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/098, 263B CURRENT FILING DATE: 2003-01-08
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
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3249 CCTTAATCAGAAAAGGACTAGA 3270
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                                                                    Score 17.2; DB 1;
Pred. No. 7.6e+02;
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Pred. No. 7.6e+02;
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Pred. No. 7.6e+02;
0; Mismatches 3;
                                                   Mismatches
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                                                                                    Length 25;
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RESULT 771

US-10-98-263B-51339
; Sequence 51339, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 44510
LENGTH: 25
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LENGTH: 25
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Best Local Similarity 86.4%; Pred. No. 7.6e+02
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
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SOFTWARE: Microarray Probe St
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PRIOR FILING DATE: 2001-03-16
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Local Similarity 86.4%;
hes 19; Conservative
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Pred. No. 7.6e+02;
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RESULT 773

US-10-098-263B-106278/c

i Sequence 106278, Application US/10098263B

i Publication No. US20030104410A1

i GENERAL INFORMATION:

APPLICANT: Mittman, Michael

i TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR PILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

i SOPTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 106278

LENGTH: 25

TYPE: DNA

OPERATURE ...
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US-10-098-263B-55787/c
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                                                                                                                                                   ; ORGANISM: Homo sapien
US-10-098-263B-106278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 55787
                                                                         Query Match
Best Local S
Matches 19
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APPLICANT: Mitman, Michael TITLE OF INVENTION: Human Microarray FILE REFERENCE: 3118.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 51339
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 25
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 y Match 0.2%; Score 17.2; DB 1; Local Similarity 86.4%; Pred. No. 7.6e+02;
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23 GAAGGACCACATGACGGAGGAG 2
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                                                                         h 0.2%; Score 17.2; DB 1; Similarity 86.4%; Pred. No. 7.6e+02; 19; Conservative 0; Mismatches 3;
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                                  CTAAAGAGAGTGATGCTAACAC 5091
  CTANAGACAGTGGTGCTACCAC 2
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US-10-098-263B-113992/c
; Sequence 113992, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 113992
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-113992
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; ORGANISM: Homo sapien
US-10-098-263B-124457
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               GENERAL INFORMATION:

APPLICANT: GU, YIZHONG
APPLICANT: GU, YIZHONG
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PB01108
CURRENT APPLICATION NUMBER: US/10/060,998
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                           US-10-060-998-2198
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FLING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 124457
LENGTH: 25
TYPED: NAN
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Best Local 9
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Best Local S
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PRIOR APPLICATION NUMBER: US 09/864,761
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al Similarity 86.4%;
19; Conservation
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Similarity 86.4%;
19; Conservative
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pred. No. 7.6e+02;
0; Mismatches 3;
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Pred. No. 7.
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; ORGANISM: Homo sapiens
US-10-060-998-2198
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PRIOR FILING DATE: 2001-12-21
NUMBER OF SEQ ID NOS: 3056
SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 2199
LENGTH: 25
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Best Local Similarity 86.4%;
Matches 19; Conservative
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SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2198
SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 2200
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GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
                                              APPLICANT: Gu, Yizhong
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PB01108
CURRENT APPLICATION NUMBER: US/10/060,998
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/343,331
PRIOR FILING DATE: 2001-12-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
-10-060-998-2199
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CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
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PRIOR APPLICATION NUMBER: US 60/343,331
PRIOR FILING DATE: 2001-12-21
                                            NUMBER OF SEQ ID NOS: 3056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: PB01108
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86.4%; Pred. No. 7.
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Pred. No. 7.6e+02;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-2200
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US-10-060-998-2201
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TITLE OF INVENTION: METHODS OF SELECTING T CE
FILE REFERENCE: 6915-65828
CURRENT APPLICATION UMBER: US/10/438,729
CURRENT FILING DATE: 2003-05-14
PRIOR APPLICATION NUMBER: 60/203,984
PRIOR FILING DATE: 2000-05-12
PRIOR APPLICATION NUMBER: 09/853,830
PRIOR APPLICATION NUMBER: 09/853,830
PRIOR APPLICATION NUMBER: 60/380,731
PRIOR APPLICATION NUMBER: 60/380,731
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US-10-060-998-2201
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SEQ ID NO 2201
LENGTH: 25
                                                                                                                                             PRIOR FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 181
SOFTWARE: PatentIn version 3.1
SEQ ID NO 165
LENGTH: 25
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Publication No. US20030104530A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 165, Application US/10438729 Publication No. US20030190665A1
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Matches 19; Conserv
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Best Local Similarity 86.4%;
Query Match
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FILE REFERENCE: PB01108
CURRENT APPLICATION NUMBER: US/10/660,998
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR PILING DATE: 2001-05-23
PPIOR APPLICATION NUMBER: US 60/343,331
PRIOR FILING DATE: 2001-12-21
PRIOR FILING DATE: 2001-12-21
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                                                                                TYPE: DNA ORGANISM: Artificial sequence FEATURE:
                                                            OTHER INFORMATION: synthetic
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86.4%; Pred. No. 7.
0.2%;
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Pred. No. 7.6e+02;
Score 17.2;
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1;
Length 25;
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                                                                      ; ORGANISM: Homo sapiens
US-10-717-597-4525
                                                                                                                                                                                                                                                                     APPLICANT: Stover, Jennifer A.
TITLE OP INVENTION: METHODS FOR DIAGNOSING RC
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR PILING DATE: 2002-11-21
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SCOTTANDE: TOTAL TOTAL
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SEQ ID NO 4525
LENGTH: 25
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Query Match
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APPLICANT: Kallabis, Harald
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REPERENCE: LAA 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR APPLICATION NUMBER: EP03003112.9
PRIOR APPLICATION NUMBER: EP03010291.9
PRIOR PILING DATE: 2003-05-21
PRIOR FILING DATE: 2002-05-21
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APPLICANT: Burc
APPLICANT: Twin
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SEQ ID NO 231
LENGTH: 25
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APPLICANT: Munnes, Mar
APPLICANT: Kallabis, H
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                                                                                                                                             TYPE: DNA
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Trepicchio, William L.
Slonim, Donna K.
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0.2%;
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Pred. No. 7.6e+02;
Score 17.2;
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PRIOR
PRIOR
                                                                                                        APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHII
APPLICANT: KAMAGATA, YOICHI
                                                                      APPLICANT:
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US-10-723-361-13906
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PRIOR PRIOR DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
                                                                               Query Match
Best Local S
Matches 19
                                                                                                                                                                                 Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 13906
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 09/866,108
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CURRENT FILING DATE: 2003-11-26
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TITLE OF INVENTION: HIMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                                       5542 GGTGGTGCATGCAGATGGAGAA 5563
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HANZEL, David
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                                                                               Score 17.2; DB 1;
Pred. No. 7.6e+02;
0; Mismatches 3;
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0; Mismatches 3
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KANAGAWA, TAKAHIRO KAMAGATA, YOICHI TORIMURA, MASAKI

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                                                                                                                                                                           ; OTHER INFORMATION: Synthetic DNA US-09-891-517-13
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CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR PILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR PILING DATE: 2000-09-26
PRIOR FILING DATE: 2000-09-26
                                                                          Query Match
Best Local Similarity
Matches 22; Conserv
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Patent No. US20020106653A1
GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.1
SEQ ID NO 13
LENGTH: 30
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Best Local Similarity
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APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
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PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
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APPLICANT: KANAGAWA, TAKAHI
APPLICANT: KAMAGATA, YOICHI
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NUMBER OF SEQ ID NOS: 108
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CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
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TITLE OF INVENTION: NOCEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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                         4018 AGAAAAAAGAGAGAAAAACAAAATGTTATTT 4047
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KAMAGATA, YOICHI
TORIMURA, MASAKI
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Conservative
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Pred. No. 9.5e
0; Mismatches
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Pred. No. 9.5e+02;
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                                                                                                      2; DB 1;
9.5e+02;
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                                                                                                                               Length 30;
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                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: KANAGAWA, TAKAHIRO APPLICANT: KAMAGATA, YOICHI APPLICANT: YAMADA, KAZUTAKA APPLICANT: YOKOMAKU, TOYOKAZU APPLICANT: KOYAMA, OSAMU APPLICANT: FURUSHO, KENTA
                                                                                            NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 30
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LENGTH: 30
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Best Local (
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TITLE OF INVENTION: MUCLEIC ACID FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 12090-04-20
                                                                                                                                                                                    APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAWA, OSAMU
APPLICANT: KOYAWA, OSAMU
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-04-20
PRIOR PPLICATION NUMBER: UF 1999-111601
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
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APPLICANT:
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ORGANISM: ARTIFICIAL SEQUENCE
                                         ORGANISM: ARTIFICIAL SEQUENCE
                                                                     TYPE: DNA
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OTHER INFORMATION: SYNTHETIC DNA
                    FEATURE:
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Similarity 73.3%;
22; Conservative (
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
YOKOMAKU, TOYOKAZU
KOYAMA, OSAMU
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Pred. No. 9.5e+02
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US-10-209-608-13/c
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Best Local Similarity 73.3
Conservative
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SEQ ID NO 11
LENGTH: 30
TYPE: DNA
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Publication No.
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Best Local Similarity
                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
         APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TOYOCHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID PILE REFERENCE: 19953USOXDIV
CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2002-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
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CURRENT FILING DATE: 2002-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: THE METHOD
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
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PRIOR APPLICATION NUMBER: US/09/725,265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: SYNTHETIC DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: ARTIFICIAL SEQUENCE FEATURE:
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KAMAGATA, YOICHI
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YOKOMAKU, TOYOKAZU
                                                                                                                                                                                                                                                                                   Application US/10209608
No. US20030082592A1
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0; Mismatches
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Pred. No. 9.5e+02;
0; Mismatches 8;
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; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-13
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US-09-843-676-132
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Best Local Similarity 73.3%;
Matches 22; Conservative
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PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
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TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
INFORMATION FOR SEQ ID NO: 132: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                     PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/843,676
FILING DATE: 26-Apr-2001
CLASSIFICATION: 536
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Andrews, William H.
TITLE OF INVENTION: No. US20020164786A1el Telomerase
NUMBER OF SEQUENCES: 225
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                                                                                       TELECOMMUNICATION INFORMATION:
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                                                                                                       NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                             TELEFAX: (415)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: United States of America
                                         TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
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Pred. No. 9.5e+02;
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TOPOLOGY: Tinear ; SEQUENCE DESCRIPTION: SEQ ID NO: 132: US-09-843-676-132
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US-09-766-253-132
                                                                                                                                                                         US-09-766-253-132
                                                                                  Query Match 0.2%; Score 17; DB 1; I Best Local Similarity 100.0%; Pred. No. 4.7e+02; Matches 17; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 132, Applicat
Publication No. US2002:
GENERAL INFORMATION:
APPLICANT: Cech
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 100.0%; Pred. No. 4.7 Matches 17; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 132: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
PRIOR DATE: 19-UN-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

CLASSIFICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/846,017
FILING DATE: 1997-04-25
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-0CT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                         LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 132:
                                                                                                                                                                                                                                                                                                                                                                                            NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002920US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Andrews, William H.
TITLE OF INVENTION: No. US20020187471A1el Telomerase
NUMBER OF SEQUENCES: 171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4464 TITTTTTTTTTTTTT 4480
                                         4464
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                                         TTTTTTTTTTTTTT 4480
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STATE: California
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
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Nakamura, Toru
Chapman, Karen B.
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Harley, Calvin
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                                                                                                                           Length 17;
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                                                                                                                      US-09-438-486-132
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                                               Matches
                                                                  Best
                                                                                Query Match
                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                             NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 0153
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
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APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IIM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/438,486
FILLING DATE: 12-NOV-1999
CLASSIFICATION: 536
                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/724,643
PILLING DATE: 01-OCT-1996
CLASSIFICATION: 536
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. US20030009019A1el Telomerase
NUMBER OF SEQUENCES: 223
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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CITY: San Francisco
                                          Local Similarity
les 17; Conserv
                                                                                                                                                        STRANDEDNESS:
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                                                                                                                                           TOPOLOGY:
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4464 TTTTTTTTTTTTTTT 4480
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
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Two Embarcadero Center, 8th Floor
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p. US20030009019A1
                                               Conservative
                                                                                                                                           linear
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                                                               0.2%; Score 17;
100.0%; Pred. No.
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                                                 Mismatches
                                          DB 1; _____
J. 4.7e+02;
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APPLICANT: Kurz, Markus
APPLICANT: Lohee, Peter
APPLICANT: Wagner, Richard
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILB REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
ATTACED OF CED TO NOCE. 76
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SEQ ID NO 23
LENGTH: 17
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Publication No. US20020182687A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: designed sequence for nucleic acid purification
                                 APPLICATION NUMBER: US/10/053,758
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-WAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-WAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
FILING DATE: 25-APR-1997
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                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBP C Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Andrews, William H.
TITLE OF INVENTION: No. US20030032075A1el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: California
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
CATION NUMBER: US 08/844,419
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                                                                                                                                                                                                                                                                                                                                                                                                       United States of America
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                      APPLICATION NUMBER: 08/854,050
FILING DATE: «Unknown»
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTMARE: PATECHTIN RELEASE #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/10/054,295
FILING DATE: 18-Jan-2002
CLASSIFFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94111
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Andrews, William H.
TITLE OF INVENTION: No. US20030044953Alel Telomerase
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cech,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                 NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, 8th Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: United States of America
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5. US20030044953A1
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Harley, Calvin
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100.0%; Pred. No.
tive 0; Mismatci
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US-10-054-611-132; Sequence 132; Applicat; Publication No. US2003; GENERAL INFORMATION:
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Publication No. US20030045698A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Ph.D., Martin A.
APPLICANT: Maier, Ph.D., Martin A.
TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
TITLE OF INVENTION: Oligomeric Compounds
FILE REFERENCE: ISIS-5039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.1 SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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CURRENT FILING DATE: 2002-04-05
PRIOR APPLICATION NUMBER: 09/726,096
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: 09/250,075
PRIOR FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature LOCATION: (1)..(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothicate OTHER INFORMATION: internucleoside linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 132:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 17
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              Nakamura, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030059787A1el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4464 TTTTTTTTTTTTTTT 4480
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NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS
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                                                                                                                                                                               APPLICANT: Cech, Thomas R.
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                  TTTTTTTTTTTTTTTT 17
                                                                                                                                                                                                                                            Application US/10054611
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100.0%; Pred. No. 4.7e+02;
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100.0%; Pred. No. 4.7e+02;
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                                                                                                                                                                                                                                                                                                                                                          Sequence 1073, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
                                                                                                                       SOFTWARE: PatentIn version 3.0 SEQ ID NO 1073
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Best Local
Query Match
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                                                                                                                                                              TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
                                                                                                                                                                                                                                                                                              APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
                                                                               LENGTH: 17
TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                             ORGANISM: Homo sapiens
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FILING DATE: «Unknown)
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/054,611
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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STATE: California
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0.2%;
  Score 17;
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  DB 1;
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Length 17;
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APPLICANT: Nacoyme Pharmaceuticals, Inc.

APPLICANT: McGwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Bacobedo, Jaime
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 1074
LENGTH: 17
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RESULT 801
US-10-287-949A-1073
; Sequence 1073, Application US/10287949A
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US-10-324-409B-16/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1074
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Best Local S
Matches 17
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CURRENT FILING DATE: 2002-12-18
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PATENTIN VER: 2.1
SEQ ID NO 16
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/10324409B Publication No. US20040086880A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%; Score 17; DB 1; Best Local Similarity 5.9%; Pred. No. 4.7e+02; Matches 1; Conservative 16; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Sampson, et al.
TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
TITLE OF INVENTION: Secondary Structure
FILE REFERENCE: 2003309-0028
                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Anneal Primer
                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                            Local Similarity
                                                                                                                         4464
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                                                                                                                                                            0.2%; Score 17; DB 1; L
100.0%; Pred. No. 4.7e+02;
Live 0; Mismatches 0;
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CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1073
ELENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-1073
Sequence 8, Application US/10735592

Publication No. US20040171571A1

GENERAL INFORMATION:
APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Met
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11

NUMBER OF SEQ ID NOS: 69
                                                                                                                                                                                                                              RESULT 803
US-10-735-592-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1074
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US-10-287-949A-1074
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Best Local Similarity 5.9%;
Matches 1; Conservative
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LENGTH: 17
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APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bscobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions F
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00-876-N (400/049)
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ribozyme Pharmaceuticals, Inc
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Stinchcomb, Dan
Escobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    McSwiggen, Jim
Stinchcomb, Dar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pavco, Pam
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5.9%; Pred. No. 4.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                          16; Mismatches
                                                                                                  Methods of Use
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Sequence 49, Application US/1073592

Publication No. US20040171571A1

GENERAL INFORMATION:
APPLICANT: Art, Krieg
APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CDG Nucleic Acids and Methods of FILE REFERENCE: C1037.70038US01

CURRENT APPLICATION NUMBER: US/10/735,592

CURRENT FILING DATE: 2003-12-11

NUMBER OF SEQ ID NOS: 69

SOFTWARE: Patentin version 3.2

SEQ ID NO 49

LENGTH: 17
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US-09-994-311-5
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US-10-735-592-49
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APPLICANT: Kaufman, Joseph C.
APPLICANT: Roth, Matthew E.
APPLICANT: Lizardi, Paul M.
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                                                                                                                SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5, Application US/09994311 Publication No. US20030082556A1
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
-09-994-311-5
                                                                                                                                CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                APPLICANT: Feng, Li
APPLICANT: Latiner, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence
FILE REFERENCE: AGL 100
CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
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OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial
                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial
                                                                                              LENGTH: 18
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100.0%; Pred. No. 4.7e+02;
n. Mismatches 0;
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments;
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT PPLICATION NUMBER: US/10/289,762
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3717
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-3717
RESULT 808
US-10-655-579-50
; Sequence 50, Application US/10655579
; Publication No. US20040126789A1
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US-09-813-289-21/c
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US-10-289-762-3717/c
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Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
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LENGTH: 23
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Best Local Similarity
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Best Local Similarity
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ORGANISM: Homo sapiens
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100.0%; Pred. No. 5.1e+02;
ative 0; Mismatches 0;
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100.0%; Pred. No.
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100.0%; Pred. No. 7.3e+02;
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                                                                                                                                              Indels
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US-09-866-108-5298
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APPLICANT: Park, Kyusung
APPLICANT: Lee, Jun B.

APPLICANT: Lee, Jun B.

TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
FILE REFERENCE: 0942.5580002
CURRENT APPLICATION NUMBER: US/10/655,579
CURRENT APPLICATION NUMBER: 60/408,609
PRIOR APPLICATION NUMBER: 60/408,609
PRIOR APPLICATION NUMBER: 60/427,867
PRIOR APPLICATION NUMBER: 60/427,867
PRIOR FILING DATE: 2002-01-11-19
NUMBER: OF SEQ ID NOS: 164
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Matches 17; Conservative
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APPLICANT: JI
APPLICANT: PE
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
CURRENT FILING DATE: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
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EQ ID NO 50
LENGTH: 23
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PRIOR APPLICATION NUMBER: GB 24263.6
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Unknown FEATURE: OTHER INFORMATION: Sub-153, forward primer
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                    APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00661
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
                                                                                                                                           FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00666 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00667
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RANK, David R.
CHEN, Wensheng
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NUMBER: US 60/234,687
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. 7.3e+02;
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; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 5299
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-5299
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; ORGANISM: Homo sapiens
US-09-866-108-5298
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Best Local Similarity 80.0%;
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PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: WYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEONICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
                                                                                                                      PRIOR APPLICATION NUMBER: US 60/266,860 PRIOR FILING DATE: 2001-02-05 NUMBER OF FROM THE PRIOR PRIOR PRIOR DATE: 2001-02-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/0066
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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                                                                                                                    NUMBER OF SEQ
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US01/00666
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PENN, Sharron
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                                                                                                                                                                                              US 60/234,687
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Pred. No. 8.
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                                                                                                                                                       ; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12696
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                               SEQ ID NO 12696
LENGTH: 25
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Best Local Similarity
Matches 20; Conserv
                                                                                              Query Match
Best Local Similarity
                                                                             Matches
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
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APPLICANT: JI, Y
APPLICANT: PENN,
                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence
                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/266,860 PRIOR FILING DATE: 2001-02-05
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00664
OR APPLICATION NUMBER: PCT/US01/00669
OR APPLICATION NUMBER: PCT/US01/00669
OR APPLICATION NUMBER: PCT/US01/00665
OR FILING DATE: 2001-01-30
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FILING DATE: 2001-01-70
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APPLICATION NUMBER: PCT/US01/00670
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                                    CAGCAGCAGCAGCAGCAGCACA 7437
CAGCTTCAGCAGCAGCTGAAGCAAA 25
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Pred. No. 8.1e+02;
                                                                                              Score 17; DB 1;
Pred. No. 8.1e+02;
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                                                                                                                  Length 25,
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RESULT 813
US-09-866-108-13467/c
; Sequence 13467, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
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US-09-866-108-12697
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PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
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SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 12697
LENGTH: 25
TYPE: DNA
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APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US01/00668
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
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Similarity 80.0%;
20; Conservative
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HANZEL, David K
RANK, David R.
CHEN, Wensheng
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APPLICANT: GU, Yizhong APPLICANT: JI, Yonggang APPLICANT: PENN, Sharron G. APPLICANT: HANZEL, David K. APPLICANT: RANK, David R.

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FILE REFERENCE: SHIMIZU-07053
CURRENT APPLICATION NUMBER: US/10/149,553
CURRENT FILING DATE: 2002-06-11
PRIOR APPLICATION NUMBER: JP 2000-311295
PRIOR FILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PALENTIN Ver. 2.0
SEQ ID NO 30
LENGTH: 25
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US-10-149-553-30
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US-09-866-108-13467
                                                                                                                                                                                                                                           Sequence 30, Application US/10149553
Publication No. US20040072159A1
GENERAL INFORMATION:
APPLICANT: National Institute of Agrobiological Sciences
APPLICANT: Bio-oriented Technology Research Advancement Insti
TITLE OF INVENTION: bZIP TRANSCRIPTION FACTOR THAT CONTROLS EX
TITLE OF INVENTION: THE STORAGE PROTEIN IN THE RICE PLANT
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LENGTH: 25
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PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
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PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity 80.0%;
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FILING DATE: 2001-01-30
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Pred. No. 8.1e
0; Mismatches
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; OTHER INFORMATION: Description of Artificial Sequence: Artificially; OTHER INFORMATION: Synthesized Primer Sequence US-10-149-553-30
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US-10-215-112-2805/c
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US-10-215-112-2931/c
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                                                                                                 ; OTHER INFORMATION: US-10-215-112-2931
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                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/215,112
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2931
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2805, Application US/10215112
Publication No. US20030082596A1
GENERAL INFORMATION:
APPLICANT: Michael Mittmann
TITLE OF INVENTION: Method of Genetic Analysis of Probes:
TITLE OF INVENTION: Test3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/215,112
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2805
LENGTH: 25
                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Michael Mittmann
                                                                                                                                                                                                                                                                                                                                                            Sequence 2931, Application US/10215112 Publication No. US20030082596A1
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Best Local Similarity 80.0%;
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                                     Matches
                                                    Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 3119
                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Synthetic Oligonucleotide
                                                  Local
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1511 GGGACATGCGGGGGAAACAGTTCTA 1535
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Pred. No. 8.1e+02;
0; Mismatches 5;
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Pred. No. 8.1e
0; Mismatches
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Pred. No. 8.1e+02;
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8.1e+02
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Fequence 6431, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mitchael

TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 6431

LENGTH: 25
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US-10-098-263B-69192/c
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; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-13525
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US-10-098-263B-6431/c
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Sequence 13525, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
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CURRENT PILING DATE: 2003-01-098,263B

CURRENT FILING DATE: 2003-01-098

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 13525
                                                                                                                                                                                            Sequence 69192, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
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APPLICANT MITCHAIN, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT APPLICATION NUMBER: 60/276,759
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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Best Local Similarity
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Pred. No. 8.1e+02;
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GENERAL INFORMATION:

APPLICANT: Mittman, Michael

TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 74649

LENGTH: 25
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; Sequence 74650, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
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; ORGANISM: Homo sapien
US-10-098-263B-69192
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                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 74650

LENGTH: 25
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Best Local Similarity
Matches 20; Conserv
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LENGTH: 25
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Best Local Similarity
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Best Local S
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                          4932 TGAGTAACTCCTCCTTTACTTTTTT 4956
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Pred. No. 8.
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Pred. No. 8.1e+02;
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Pred. No.
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US-10-098-263B-115523
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; ORGANISM: Homo sapien
US-10-098-263B-99536
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; ORGANISM: Homo sapien
US-10-098-263B-98776
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118:1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 98776
LENGTH: 25
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                                                                                                                                                                                              Sequence 115523, Application US/10098263B Publication No. US/20030104410A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 20; Conservative
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NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 99536
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Best Local S
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NUMBER OF SEQ ID NOS: 131066
SOPTWARE: Microarray Probe S
SEQ ID NO 115523
                                                    APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
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1 Similarity 80.0%;
20; Conservation
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                  Sequence Listing Generator V 1.1
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Pred. No. 8.
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Pred. No. 8.1e+02;
0; Mismatches 5
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; TYPE: DNA; Homo sapien; ORGANISM: Homo sapien US-10-098-263B-115523
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Sequence 126854, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
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; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-131013
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US-10-098-263B-131013
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; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-126854
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                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 131066
SOUTHARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 131013
                                                                                                                                                                                                                                                                                                                               Sequence 131013, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 126854
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Best Local Similarity 80.0%;
Matches 20; Conservative
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                                                                Matches
                                                                                                 Query Match
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PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
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                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/276,759 PRIOR FILING DATE: 2001-03-16
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Local Similarity 80.0%;
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                               7056 AAGTAAAGACATTTGTTGAATGCAC 7080
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                                                                   Conservative
                                                                                0.2%;
                                                                Score 17; DB 1; Lo
Pred. No. 8.1e+02;
0; Mismatches 5;
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Pred. No. 8.1e+02;
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Pred. No. 8.1e+02;
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
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US-10-061-201-2277
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SEQ ID NO 2277
LENGTH: 25
                                                                                 Query Match
Best Local Similarity
Matches 20; Conserv
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 131014
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Best Local Similarity 80.0%;
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
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                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 4162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Homo sapien
                                                                                                                                                                                                                               TYPE: DNA
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μ
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                               CCCTGCCATGTGGAAGATGATGCTC 852
  cccraccargradacacracracrac
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llarity 80.0%;
Conservative
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                                                                                    Score 17; DB 1; Le
Pred. No. 8.1e+02;
Pred. No. 8.1e+02;
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Pred. No. 8.1e+02;
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APPLICANT: Altmann, Scott W
APPLICANT: Wang, Luquan
APPLICANT: Wang, Luquan
APPLICANT: Wang, Luquan
APPLICANT: Murgolo, Michael
APPLICANT: Murgolo, Nick
TITLE OF INVENTION: NPC11 (NPC3) AND METHODS OF
FILE REFERENCE: JUB1603-K-US
CURRENT APPLICATION NUMBER: US/10/621,758A
CURRENT FILING DATE: 2003-07-17
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR APPLICATION NUMBER: 60/397,442
ORIGHNARE: PATENT NUMBER: 50
SOFTWARE: PATENT NUMBER: 50
                                                                                                                                                                                                                            APPLICANT: Dorner, Andrew J.
APPLICANT: Trepicchio, William L.
APPLICANT: Slonim, Donna K.
APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RC
FILE REFERENCE: AM10.1001.
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT PILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: Patentin version 3.2
LERCTH: 25
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                                                                                                                                                                   LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4285
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US-10-621-758A-50/c
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Best Local (
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Best Local Similarity
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ORGANISM: Artificial sequence
FEATURE:
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Local Similarity 80.0%;
les 20; Conservative
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                                       3071 ACCATACACACAGGTGTCTCATGTG 3095
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Dorner, Andrew J.
Trepicchio, William L.
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                                                                                   Conservative
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Pred. No.
                                                                                                       Score 17;
Pred. No.
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 50
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial sequence
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; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-663-208A-50
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APPLICANT: Graziano, Michael
APPLICANT: Murgolo, Mick
TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF
FILE REFERENCE: JB01603K2 US
CURRENT APPLICATION NUMBER: US/10/663,208A
CURRENT FILING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR PILING DATE: 2002-07-19
PRIOR PPLICATION NUMBER: 10/621,758
PRIOR PILING DATE: 2003-07-17
PRIOR APPLICATION NUMBER: 10/646,301
                                                                                                                                                    ; FEATURE:
; OTHER INFORMATION: primer
US-10-646-301A-50
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; TITLE OF INVENTION: NPCLIL (NPC3) AND METHODS OF
; FILE REFERENCE: JB01603-K1-US
; CURRENT APPLICATION NUMBER: US/10/646,301A
; CURRENT FILING DATE: 2003-08-22
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR APPLICATION NUMBER: 10/621,758
; PRIOR APPLICATION NUMBER: 10/621,758
; PRIOR FILING DATE: 2003-07-17
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Altmann, Scott W
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Local Similarity 80.0%;
les 20; Conservative
                                                                                            Local
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                                                                            Conservative
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                                                                                          0.2%;
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                                                                        Score 17; DB : Pred. No. 8.1e. 0; Mismatches
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Pred. No.
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                                                                      . 8.1e+02;
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RESULT 833; :.
US-10-723-361-5298
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LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT: PENN, SHARYON G.

APPLICANT: HANZEL, David K.

APPLICANT: CHEN, Mensheng

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, MARK

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART

FILE REFERENCE: PB0105

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
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APPLICANT: JI, Yonggang
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NUMBER OF SEQ ID NOS: 15755
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: US 60/236,359
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Similarity
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PENN, Sharron
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0; Mismatches
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GENERAL INFORMATION:
APPLICANT: GU, YILANONG
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharrc
APPLICANT: HANZEL, Davi
                                          CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR PILING DATE: 2001-05-26
PRIOR PPLICATION NUMBER: US 60/207,456
PRIOR PPLICATION NUMBER: US 60/207,456
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PPLICATION NUMBER: PCT/US01/00666
PRIOR PPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR RILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
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US-10-723-361-12696
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-5299
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LENGTH: 25
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Best Local Similarity 80.0%;
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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APPLICATION NUMBER: GB 24263.6
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  Application data removed -
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Pred. No. 8.1e+02;
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See File Wrapper or PALM.
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 12697
LENGTH: 25
TYPE: DNA
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SCFTWARE: Aeomica Sequence I
SEQ ID NO 12696
LENGTH: 25
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Best Local Similarity
Matches 20; Conserv
                                                                                          Query Match
Best Local
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PRIOR TILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                       FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00668
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                                     7414 AGCAGCAGCAGCAGCAGCACAA 7438
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                                                                          20;
                                                                                          Similarity
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PENN, Sharron (
HANZEL, David R.
RANK, David R.
AGCTTCAGCAGCAGCTGAAGCAAAA
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                                                                          Conservative
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                                                                                            80.0%;
                                                                  Score 17; DB
Pred. No. 8.1e
0; Mismatches
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Pred. No.
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                                                                                              8.1e+02
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                                                                                                                                                                                                                                                                                  File Wrapper
                                                                                                             Length 25;
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RESULT 837 US-10-723-361-13467/c

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APPLICANT: Altmann, Scott W
APPLICANT: Wang, Luquan
APPLICANT: Wang, Luquan
APPLICANT: Wang, Luquan
APPLICANT: Murgolo, Nick
TITLE OP INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
FILE REFERENCE: JB01603-K3-US
CURRENT APPLICATION NUMBER: US/10/736,769
CURRENT FILING DATE: 2003-12-16
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR APPLICATION NUMBER: 10/646,301
PRIOR FILING DATE: 2003-08-22
PRIOR FILING DATE: 2003-08-22
PRIOR APPLICATION NUMBER: 10/663,208
PRIOR APPLICATION NUMBER: 10/663,208
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US-10-736-769-50/c
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US-10-723-361-13467
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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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LENGTH: 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 50, Application US/10736769 Publication No. US20040161838A1 GENERAL INFORMATION:
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR PILING DATE: 2001-05-25
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US01/00666
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Local Similarity 80.0%; Pred. No. 8.1e+02;
0: Mismatches 5;
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FILING DATE: 2003-09-16
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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: LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-4185
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FITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REPERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3060
FILENCTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-3060
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SOFTWARE: Patentin version 3.1
SEQ ID NO 50
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
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US-10-775-1
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                                                                 APPLICANT: Dorner, Andrew
APPLICANT: Trepicchio, William
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
FULE REPLICATION NUMBER: US/10/775,169
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: Patentin version 3.2
SEQ ID NO 4185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 3060, Application US/10775169
Publication No. US20040175743A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 20; Conserv
                                                                                                                                                                                                                                                                                              Sequence 4185, Application US/10775169
Publication No. US20040175743A1
GENERAL INFORMATION:
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Best Local :
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APPLICANT:
APPLICANT:
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Local Similarity 80.0%;
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Dorner, Andrew
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illarity 80.0%;
Conservative
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Pred. No. 8.1e+02;
0; Mismatches 5;
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Pred. No. 8.1e+02;
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Query Match

0.2%;

Score 17;

DB 1;

Length 25;

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RESULT 841
US-09-935-247-10
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                                                                                                           RESULT 842
US-09-563-728A-2
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                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: linear NOLECULE TYPE: DNA (genomic); SEQUENCE DESCRIPTION: SEQ ID NO: US-09-935-247-10
                                                  Sequence 2, Application US/09563728A Publication No. US20030078216A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10, Application US/0935247
Patent No. US20020103153A1
GENERAL INFORMATION:
APPLICANT: Re, Richard N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
Matches 20; Conservat
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                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                  APPLICANT:
   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/266,065
APPLICATION NUMBER: 09/266,065
APPLICATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8515ZY
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/935,247
FILING DATE: 22-Aug-2001
CIRCULTURE DATE: 22-Aug-2001
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                     4463 CTTTTTTTTTTTTTTTTTTTTTTGTCT 4487
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ADDRESSEE: SCULLY,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                        20;
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CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CTTACTCTGATTTTTTTTTTAAAAAG 5487
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                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
                  MacLeod, Alan R
Li, Zoumei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: <Unknown>
Besterman, Jeffrey M
                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 26 base pairs
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Pred. No. 8.6e+02,
0; Mismatches
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US-09-563-728A-11

Sequence 11, Application US/09563728A Publication No. US20030078216A1 GENERAL INFORMATION:

APPLICANT: MacLeod, Alan R
APPLICANT: Li, Zoumei
APPLICANT: Besterman, Jeffrey M
TITLE OP INVENTION: Inhibition of Histone Deaceylase
FILE REFERENCE: 106101.229

CURRENT APPLICATION NUMBER: US/09/563,728A CURRENT FILING DATE: 2000-05-03

PRIOR APPLICATION NUMBER:

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; TYPE: DNA; ORGANISM: Artificial Sequence; PREATURE: INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: oligonucleotide
US-09-563-728A-2
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US-09-563-728A-3
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RESULT 844
                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: oligonucleotide
US-09-563-728A-3
                                                                                                                                                                                                                                                                                                                   SOFTWARE: PASEQ ID NO 3
LENGTH: 26
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SEQ ID NO 2
LENGTH: 26
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: MacLeou, ...
APPLICANT: Li, Zoumei
APPLICANT: Besterman, Jeffrey M
APPLICANT: Besterman, Jeffrey M
TITLE OF INVENTION: Inhibition of Histone Deaceylase
TITLE OF INVENTION: 106101, 229

TITLE OF INVENTION: 106101, 229

TITLE OF INVENTION: 106101, 229

TITLE OF INVENTION: 106101, 229
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                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR FILING DATE: 1999-05-03
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                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                 Local
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                                                                                                                                                 Similarity
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                                                      CAGCAAGTTATGAGTCATGCGGATT 25
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                                                                                                                             0.2%; Score 17; ilarity 80.0%; Pred. No. Conservative 0; Mismatc
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Pred. No.
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                                                                                                                                                                  Length 26;
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APPLICANT: Besterman, Jeffrey M
TITLE OF INVENTION: Inhibition of Histone Deaceylase
FILE REFERENCE: 106101.229
CURRENT APPLICATION NUMBER: US/09/563,728A
CURRENT FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR APPLICATION NUMBER: 60/132,287
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
LENGTH: 26
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US-09-563-728A-12
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US-10-085-906-3
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             Sequence 3, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Gray, Gary S.
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: POLYMORPHIC BLEMENTS IN THE
TITLE OF INVENTION: POLYMORPHIC BLEMENTS IN THE
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CF2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 12, Application US/09563728A Publication No. US20030078216A1 GENERAL INFORMATION:
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SEQ ID NO 11
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity
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Best Local &
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APPLICANT: Li, Zoumei
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: modified base LOCATION: 1-4 and 23-26 are modified LOCATION: 1-4 and 23-26 are modified OTHER INFORMATION: Bubstituted nucleotides; positions 5-22 are OTHER INFORMATION: deoxyribonucleotides
CURRENT APPLICATION NUMBER: US/10/085,906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PEATURE:

NAME/KEY: modified base

LOCATION: 1-4 and 23-26 are modified

OTHER INFORMATION: Positions 1-4 and 23-26 are 2'-methoxyribose

OTHER INFORMATION: substituted nucleotides; positions 5-22 are

OTHER INFORMATION: deoxyribonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
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Local Similarity 72.0%;
hes 18; Conservative 2
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72.0%; Pred. No. 8.60
/ative 2; Mismatches
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8.6e+02;
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APPLICANT: GAY, GATY S.
APPLICANT: GAY, GATY S.
TITILE OF INVENTION: POLYMORPHIC ELEMENTS IN THE TITILE OF INVENTION: COSTIMULATORY RECEPTOR LOC FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
NUMBER OF SEQ ID NOS: 545
SEQ ID NO 144
                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-144
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US-10-145-493B-82
                                                                                                                                                            Query Match
Best Local Similarity 80.0%;
Marches 20; Conservative
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Best Local Similarity 80.0%;
Matches 20; Conservative
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SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 26
TYPE: DNA
ORGANISM: Homo sapiens
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PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
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APPLICANT: Wu, Paul
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p. US20030054371A1
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Pred. No. 8.6e+02
0; Mismatches
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Pred. No. 8.6e+02
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LOCUS AND USES THEREOF
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GENERAL INFORMATION:
APPLICANT: Besterman, Jeffrey
APPLICANT: MacLeod, Robert
APPLICANT: Siders, William
TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
FILE REFERENCE: MET 015DV
CURRENT APPLICATION NUMBER: US/10/145,493B
CURRENT FILING DATE: 2002-05-14

; Sequence 82, Application US/10145493B ; Publication No. US20030096777A1

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FILE REFERENCE: WET-015DV
CURRENT APPLICATION NUMBER: US/10/145,493B
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 09/420,692
PRIOR FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: US 60/104,804
PRIOR FILING DATE: 1998-10-19
NUMBER OF SEQ ID NOS: 90
SOFTWARE: Patentin version 3.0
SEQ ID NO 83
LENGTH: 26
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PRIOR APPLICATION NUMBER: US 60/
PRIOR FILING DATE: 1998-10-19
NUMBER OF SEQ ID NOS: 90
SOFTWARE: Patentin version 3.0
; SEQ ID NO 82
; LENGTH: 26
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                                                                                                                                                                                                                                                                                                             US-10-353-461-12
           Sequence 12, Application US/10353461
Publication No. US20030176682A1
GENERAL INFORMATION:
APPLICATT: Vlaams Interuniversitair Instituut voor Biotechnol
TITLE OF INVENTION: Molecular characterisation of chromosome translocation
TITLE OF INVENTION: t(11;18) (921;921) and its correlation to
TITLE OF INVENTION: carcinogenesis
FILE REFERENCE: PMA/MALT/V043
CURRENT APPLICATION NUMBER: US/10/353,461
CURRENT FILING DATE: 2003-01-26
PRIOR APPLICATION UNMBER: US/9/579,692
PRIOR APPLICATION NUMBER: G0/138,834
PRIOR APPLICATION NUMBER: 60/138,834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 83, Application US/10145493B Publication No. US20030096777A1 GENERAL INFORMATION:
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Best Local Similarity 72.0%;
Matches 18; Conservative
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Best Local
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APPLICANT: MacLeod, Robert
APPLICANT: Siders, William
TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 72.0%;
hes 18; Conservative
FILING DATE: 1999-06-09
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Pred. No. 8.6e+02;
2; Mismatches 5;
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US-09-891-517-12/c RESULT 852

Sequence 12, Application US/09891517
Patent No. US20020106653A1
GENERAL INFORMATION:

APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGARA, TAKAHII
APPLICANT: KANAGARA, YOICHI
APPLICANT: KORIMURA, MASAKI
APPLICANT: KURATA, SHINYA

TAKAHIRO

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APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: TORIMURA, WASAKI
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, MET
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PRO
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PRO
TITLE OF INVENTION NUMBER: US/09/891,517
CURRENT APPLICATION NUMBER: JP2000-193133
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR PILING DATE: 2000-08-03
PRIOR PILING DATE: 2000-09-26
NUMBER OF SEO ID NOS: 108
SOPTWARE: PATENTIN VERSION 3.1
SEQ ID NO 10
TYDE: NNA
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 12
LENGTH: 26
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                                                                  Matches
                                                                                              Query Match
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ORGANISM: Homo sapiens
                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                 OTHER INFORMATION: Synthetic DNA
                                                                                Local
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                               4018 AGAAAAAGAGAGAAAACAAAATGT 4042
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 29 AAAAAAAAAAAAAAAAAAATAT
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Pred. No. 1e+0
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                                                                                                 Length 30;
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US-10-683-386-10/c
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; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-10
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CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT PILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR PPLICATION NUMBER: UF 1999-111601
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
NUMBER OF SEQ ID NOS: 70
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Best Local Similarity 80.0%;
Whiches 20; Conservative
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SEQ ID NO 12
SEGIT 30
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.1 SEQ ID NO 10
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TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT PILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: US/09/891,517
GURRENT FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR PILING DATE: 2000-09-26
NUMBER: OF SEQ ID NOS: 108
NUMBER: OF SEQ ID NOS: 108
                                                                                                                               Query Match
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APPLICANT: KAMAGAWA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
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APPLICANT: KANAGA
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OTHER INFORMATION: Synthetic DNA
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29
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Pred. No. 1e+0
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Pred. No. 1e+03;
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; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-12
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SEQ ID NO 12
LENGTH: 30
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Best Local Similarity
                                                                 SOFTWARE: PatentIn version 3.1 SEQ ID NO 10
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Publication No.
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CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: UF 1999-111601
PRIOR PILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
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TITLE OP INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC
TITLE OP INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALY
TITLE OP INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-04-20
                                                                                                                                                                                                                                                                                                                      APPLICANT: VOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
TITLE OF INVENTION: THE METHOD
TITLE OF INVENTION: THE METHOD
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                                                                                                             PRIOR APPLICATION NUMBER: JP 1999-111601 PRIOR FILING DATE: 1999-04-20 NUMBER OF SEQ ID NOS: 70
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TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
                                                LENGTH: 30
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KAMAGATA, YOICHI
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Pred. No. 1e+03;
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APPLICANT: WU, MING

APPLICANT: LIU, YEN PING

ITITLE OF INVENTION: ISOTHERNAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS

FILE REFERENCE: 3817.05-1

CURRENT APPLICATION NUMBER: US/10/219,195

CURRENT FILING DATE: 2002-08-14

PRIOR APPLICATION NUMBER: 60/312,505

PRIOR FILING DATE: 2001-08-14

NUMBER OF SEQ ID NOS: 49

SOFTWARE: PALENTIN Ver. 2.1

ENGTH: 39
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PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin version 3.1
SEQ ID NO 12
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE.
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; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-12
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APPLICANT: KURANE,
APPLICANT: KANAGAW
APPLICANT: KAMAGAT
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Best Local Similarity
Matches 20; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local :
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CURRENT FILING DATE: 2002-08-01
PRIOR PPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
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APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USONDIV
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KAMAGATA, YOICHI
YAMADA, KAZUTAKA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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APPLICANT: Feinberg, Andrew
APPLICANT: Strichman-Almashanu, Liora
APPLICANT: Jiang, Shan
TITLE OF INVENTION: METHODS FOR ASSAYING GENE IMPRINTING AND
TITLE OF INVENTION: METHYLATED CPG ISLANDS
FILE REFERENCE: 01107.00128
CURRENT APPLICATION NUMBER: US/09/861,893
CURRENT FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 60/206,158
PRIOR APPLICATION NUMBER: 60/206,161
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SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 15
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                         Sequence 849, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
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Patent No. US20020045257A1
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Best Local Similarity
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Best Local Similarity
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     COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                                                                                                                                                                                                                         APPLICANT: Rowen, Lee
APPLICANT: KOOD, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                           APPLICANT:
CURRENT APPLICATION DATA:
                                                                                                                                             CITY: Seattle
STATE: Washington
                                                                                                                                                                                         STREET:
                                                                                                                                                                                                         ADDRESSEE:
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                                                                                                                                                                                     E: Seed and Berry LLP 6300 Columbia Center,
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                                                                                                                                                                                                                                                                                                                         Hood, Leroy E.
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Pred. No. 6.5e+02
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                   Version #1.25
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CURRENT APPLICATION NUMBER: US/09/948,002
CURRENT FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 09/61,753
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/154,546
PRIOR APPLICATION NUMBER: 60/154,546
PRIOR FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 71
SEQ ID NO 35
LENGTH: 20
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Sequence 35, Application US/09948002
Publication No. US20030050265A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
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TELEPAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 849:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPB: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
Sequence 61, Application US/09967669
Publication No. US20030092650A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
FILE REFERENCE: RTS-0259
CURRENT APPLICATION NUMBER: US/09/967,669
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 90
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: ISPH-0607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              y match 0.2%; Score 16.8; DB 1; Local Similarity 90.0%; Pred. No. 6.5e+02; hes 18; Conservative 0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/263,959
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APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH
TITLE OF INVENTION: FACTOR BETA EXPRESSION
PILE REFERENCE: ISPH-0607
CURRENT APPLICATION NUMBER: US/10/633,163
CURRENT FILING DATE: 2003-08-01
PRIOR APPLICATION NUMBER: US/09/948,002
PRIOR FILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 09/661,753
PRIOR APPLICATION NUMBER: 60/154,546
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-61
SOFTWARE: Patentin version 3.1; SEO ID NO 4518; LENGTH: 20; TYPE: DNA; ORGANISM: Candida albicans US-10-032-585-4518
                                                                                                                                                                                                                                                                                                                                                                            RESULT 863
                                                                                                                                                                                                                                                                                                                                                      US-10-032-585-4518/c
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                        Publication ...
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 35, Applica Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                             Sequence 4518, Application US/10032585
Publication No. US20030180953A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 35
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Best Local Similarity
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Best Local Similarity
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                                                                                                               APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Buseey
TITLE OF INVENTION: Gene Disruption Methodologies
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURB:
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0; Mismatches 2
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Pred. No. 6.5e+02;
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Sequence 4082, Application US/10104047
Publication No. US20030236392A1
GENERAL INFORMATION:
APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20030236392A1e1 fu
FILE REFERENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
UMBER OF SEQ ID NOS: 4096
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4082
LENGTH: 20
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US-10-104-047-4082
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                                                                                                                                                    ; OTHER INFORMATION: human GFAT antisense US-10-688-706-1916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially;
; OTHER INFORMATION: synthesized primer sequence
US-10-104-047-4082
                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1916
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1916, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 18; Conservative
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Best Local Similarity 90.0%;
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Best Local (
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                                                                                                            Query Match
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                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                      TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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Local Similarity 90.0%;
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                                                                                          Similarity
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Pred. No. 6.5e+02
0; Mismatches
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Pred. No. 6.5e+02;
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APPLICANT: UNGER, EVAN C.

APPLICANT: MATSUNAGA, TERRY ONICHI

APPLICANT: RAMASWAMI, VARADARAJAN

APPLICANT: ROWANOWSKI, WAREK J.

TITLE OF INVENTION: NOVEL TARGETED DELIVERY SYSTEMS FOR BIOACTIVE AGENTS

FILE REFERENCE: 5030-0001.24

CURRENT APPLICATION NUMBER: US/09/912,609

CURRENT FILING DATE: 2001-07-25

PRIOR APPLICATION NUMBER: 09/703,474

PRIOR APPLICATION NUMBER: 09/478,124

PRIOR FILING DATE: 2000-01-03

NUMBER OF SEQ ID NOS: 131

SOFTWARE: Patentin Ver. 2.1

SOFTWARE: DATE: 1000-01-05

NUMBER OF SEQ ID NOS: 131

SOFTWARE: DATE: 2000-01-05

NUMBER OF SEQ ID NOS: 131
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CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: Patentin version 3.2
SEQ ID NO 2451
LENGTH: 20
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APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
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Best Local Similarity
Matches 18; Conserv
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                                                                        Matches
                                                                                                          Query Match
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                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA OTHER INFORMATION: sequence
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                     3627 GGGGGTGGGAGAGGAGGTAG 3646
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GGCGGTGGGAGAGATAG 20
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                                                                        Score 16.8; DB 1;
Pred. No. 6.9e+02;
0; Mismatches
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Pred. No. 6
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RESULT 868 US-10-418-182-132

; Sequence 132, Application US/10418182

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APPLICANT: Crea, Roberto
ITILE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
FRIOR APPLICATION NUMBER: 60/373,558
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 132
LENGTH: 21
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Stone, Edwin M.

APPLICANT: Sheffield, Val C.

APPLICANT: Alward, Wallace L.M.

APPLICANT: Alward, Wallace L.M.

APPLICANT: Fingert, John

TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS

FILE REFERENCE: 21087.0017U11

CURRENT APPLICATION NUMBER: US/09/952,464A

CURRENT FILING DATE: 2001-09-12

PRIOR APPLICATION NUMBER: 09/473,273

PRIOR FILING DATE: 1999-12-18

PRIOR PILING DATE: 1999-12-15

PRIOR PILING DATE: 1999-12-15

PRIOR PILING DATE: 1999-04-07

PRIOR APPLICATION NUMBER: 09/366,952

PRIOR APPLICATION NUMBER: 09/066,285

PRIOR APPLICATION NUMBER: 09/066,285
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US-09-952-464A-30
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                                                                                                                                                                                    US-09-952-464A-30
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 30
LENGTH: 22
                                                                                                                  Query Match
Best Local
                                                                                            Matches
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                                                                                                                                                                                                                                                                                                           TYPE: DNA
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                                              5597 TTTGGTTTAAGTGGTGCTTC 5616
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90.0%; Pred. No. 7.4e+02
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6.9e+02;
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RESULT 870 US-09-898-200-17

US-10-309-775A-10

Sequence 10, Application US/10309775A Publication No. US20040006032A1 GENERAL INFORMATION:

APPLICANT: LOPEZ, Ricardo A.

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FILE REFERENCE: 18810-81553

CURRENT APPLICATION NUMBER: US/09/898,200

CURRENT FILING DATE: 2001-07-02

PRIOR APPLICATION NUMBER: 09/399,212

PRIOR FILING DATE: 1999-09-17

NUMBER: OF SEQ ID NOS: 28

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 17

LENGTH: 23

TYPE: DNA

CORGANISM: Homo sapiens

US-09-898-200-17
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RESULT 872
                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/JP01/04366
PRIOR FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 23
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Best Local Similarity
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Matches
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: NISHIUCHI, HIROAKI
APPLICANT: SANO, KOUICHIRO
APPLICANT: SUGMOTO, REIKO
APPLICANT: UEDA, YOICHI
TITLE OF INVENTION: METHOD FOR PRODUCING GAMMA-GLUTAMYLCYSTEINE
FILE REFERENCE: 218070USOPCT
CURRENT APPLICATION NUMBER: US/10/030,132
CURRENT FILING DATE: 2002-05-20
CURRENT FILING DATE: 2002-05-20
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APPLICANT: Muhammad Faiyaz ul Haque
APPLICANT: Lily M. King
APPLICANT: Deborah Krakov
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                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: JP 2000-155121 PRIOR FILING DATE: 2000-05-25
                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                      6964 GAAGGAATGAGCTAAAAACA 6983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1012 GTCACCCACTGTGGACAGAT 1031
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Pred. No. 7.8e+02;
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Pred. No. 7.8e+02;
0; Mismatches 2
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RESULT 874
US-09-866-108-13913
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CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 10
LENGTH: 24
                                                      GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yongang
APPLICANT: PANN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEM, Mensheng
APPLICANT: CHEM, Mensheng
APPLICANT: SHANNON, Mensk
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 22, Application US/10309775A
Publication No. US20040006032A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 22
LENGTH: 24
                                                                                                                                                                                                                                                                Sequence 13913, Application US/09866108 Patent No. US20020048800A1
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CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
                  CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: LOPEZ, Ricardo A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 2901,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/207,456
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90.0%;
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Pred. No. 8.3e+02;
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Pred. No. 8.3e+02;
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                                                                                                                              NUMBER OF SEQ ID NOS: 40
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 23
LENGTH: 25
TYPE: DNA
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SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 13913
LENGTH: 25
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Query Match
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Best Local (
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APPLICANT: University of Maryland
TITLE OF INVENTION: ISOLATION AND CHARACTERIZATION TITLE OF INVENTION: CSA OPERON
FILE REFERENCE: UOFMD.006A
CURRENT APPLICATION NUMBER: US/09/839,894
CURRENT FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: 60/198,626
PRIOR APPLICATION NUMBER: 60/198,626
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-04-20
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Altboum, Zeev APPLICANT: Barry, Eileen M.
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PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/266,860 PRIOR FILING DATE: 2001-02-05
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                                                         FEATURE:
OTHER INFORMATION: PCR Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
                                                                                                           ORGANISM: Artificial Sequence
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APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
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APPLICATION NUMBER: US 60/236,359
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APPLICATION NUMBER: PCT/US01/00661
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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0.2%;
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  Score 16.8;
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Pred. No. 8.7e+02;
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Length 25;
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US-10-176-055-8
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                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic Oligonucleotide US-10-215-112-5023
                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/215,112
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
SOFTWARE: FAST-SEQ for Windows Version 4.0
SEQ ID NO 5023
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 5023, Application US/10215112 Publication No. US20030082596A1 GENERAL INFORMATION:
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SEQ ID NO 8
LENGTH: 25
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Publication No. US20030013109A1
                                                                                                                                      Query Match
Best Local (
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TITLE OF INVENTION: Halprin Sensors Using Quenchable Fluorescing Agents
FILE REFERENCE: 11739/26
CURRENT APPLICATION NUMBER: US/10/176,055
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: 60/299,460
PRIOR PILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 11
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Michael Mittmann
TITLE OF INVENTION: Method of Genetic Analysis of Probes:
TITLE OF INVENTION: Test3
FILE REFERENCE: 3119
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                  ENGTH: 25
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Local Similarity 90.0%;
ses 18; Conservative 0
                                                                                                                                      Match 0.2%; Score 16.8; DB 1; Local Similarity 90.0%; Pred. No. 8.7e+02;
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                                                                              836 TGTGGAAGATGATGCTCAAC 855
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                                                                                                                        Conservative
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Pred. No. 8.7e+02;
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Sequence 2433, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:

APPLICANT: Mittman, Michael

TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR PILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/215,112
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 5145
LENGTH: 25
TYPE: DNA
ORGANIEM: Artificial Sequence
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                                                                                                                                                                                                                                            RESULT 880
US-10-098-263B-24333
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; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-5145
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publication No. US20030082596A1
GENERAL INFORMATION:
APPLICANT: Michael Mittmann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Mithman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1 SEQ ID NO 19403
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Best Local Similarity
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Best Local Similarity 90.0%;
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FILE REFERENCE: 3119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 131066
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Pred. No. 8.7e+02;
0; Mismatches 2;
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Pred. No. 8.7e+02;
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; ORGANISM: Homo sapien
US-10-098-263B-46324
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US-10-098-263B-49701
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publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                          APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator SEQ ID NO 49701
                                                                                                                                                                                                                                                                                                                                                                                           Sequence 49701, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
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PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 46324
LENGTH: 25
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LENGTH: 25
                                                                 Query Match 0.2%;
Best Local Similarity 90.0%;
Matches 18; Conservative
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Best Local Similarity 90.0%;
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TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                           TYPE: DNA
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Local Similarity 90.0%;
hes 18; Conservative
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                               6612 TTCCCCATCAGGGTAGAAAA 6631
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4 TTCCTCCTCAGGGTAGAAAA 23
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Pred. No. 8.7e+02;
0; Mismatches 2;
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                                                                                   Score 16.8; DB 1;
Pred. No. 8.7e+02;
                                                                    Mismatches
                                                                                                    Length 25;
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Sequence 58341, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Wittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 58341

LENGTH: 25

TYPE: DNA

CONTINUE UNA SERVICE SER
Sequence 1, Application US/10374686

Publication No. US20040002089A1

GENERAL INFORMATION:
APPLICANT: Dubertret, Benoit
APPLICANT: Calame, Michel
APPLICANT: Libohaber, Albert
TITLE OF INVENTION: Methods Employing Fluorescent Quenching
TITLE OF INVENTION: by Metal Surfaces
FILE REFERENCE: 600-1-260PCTUS
CURRENT FILING DATE: 2003-02-26
PRIOR APPLICATION NUMBER: PCT/US01/41941
PRIOR FILING DATE: 2001-08-29
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US-10-098-263B-108052
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TITLE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 108052
LENGTH: 25
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Local Similarity 90.0%;
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I Similarity 90.0%;
18; Conservative
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Pred. No. 8.7e+02;
0; Mismatches 2
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Pred. No. 8.7e+02
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TITLE OF INVENTION: Methods Employing Pluorescent Quenching
TITLE OF INVENTION: Mothods Employing Pluorescent Quenching
TITLE OF INVENTION: by Metal Surfaces
FILE REFERENCE: 600-1-260PCTUS
CURRENT APPLICATION NUMBER: US/10/374,686
CURRENT FILING DATE: 2003-02-26
PRIOR APPLICATION NUMBER: PCT/US01/41941
PRIOR FILING DATE: 2001-08-29
PRIOR PILING DATE: 2000-08-29
PRIOR PILING DATE: 2000-08-29
PRIOR PILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PASTESQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: synthetic
FEATURE:
NAME/KEY: misc_feature
1.0CATION: 25
OTHER INFORMATION: n = A,T,C or G
US-10-374-686-6
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US-10-717-597-1361
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Best Local Similarity 90.0%;
Matches 18; Conservative
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LENGTH: 25
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                                                         GENERAL INFORMATION:
                                                                       Sequence 1361, Application US/10717597
Publication No. US20040110221A1
                                                                                                                                                                                                                                                                     Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/228728
PRIOR FILING DATE: 2000-08-29
PRIOR APPLICATION NUMBER: 60/280350
PRIOR FILING DATE: 2001-03-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS:
               APPLICANT: Wyeth APPLICANT: Burc:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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Burczynski, Michael E. Twine, Natalie C.
                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                  90.0%;
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                                                                                                                                                                                                                                                                                  Score 16.8; DB 1;
Pred. No. 8.7e+02;
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Pred. No. 8.7e+02;
                                                                                                                                                                                                                                                                     Mismatches
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RESULT 888
US-10-723-361-13913
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-1361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.2 SEQ ID NO 1361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13913, Application US/10723361 Publication No. US20040137589A1
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                                                         SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 13913
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CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
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APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING
FILE REFERENCE: AMIG1080L
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REPERENCE: PB0105
                                                                                                   Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                         PRIOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                            PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR
TYPE: DNA ORGANISM: Homo sapiens
                                        LENGTH: 25
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Local Similarity 90.0%;
                                                                                                                                                             R FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
R FILING DATE: 2001-01-30
R PPLICATION NUMBER: PCT/US01/00665
R FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/USO1/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/USO1/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/USO1/00664
                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: GB 24263.6 FILING DATE: 2000-10-04 APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27
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HANZEL, David K.
RANK, David R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Dorner, Andrew J.
Trepicchio, William
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 16.8; DB 1;
Pred. No. 8.7e+02;
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US-10-723-361-13913

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APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Twine, Natalie
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
LENGTH: 25
TWORL NUMBER: 25
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US-10-775-169-1117
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; ORGANISM: probe
US-10-775-169-1117
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 10, Application US/09880727 Publication No. US20030064364A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.2%;
Best Local Similarity 90.0%;
Matches 18; Conservative
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Publication No. US20040175743A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA: US/09/880,727
FILING DATE: 13-Jun-2001
                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Joe Liebeschuetz
STREET: Two Embarcadero Center,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5546 GTGCATGCAGATGGAGAAGT 5565
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                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES NUMBER OF SEQUENCES: 32
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                                                                                                                                                                                                  CITY: San Francisco
STATE: CA
                                                                                                                                                            ZIP: 94111-3834
                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                      Lee, Danny
Tran, Huu M.
                                                                                                                                                                                                                                                                                                                                                                                                             Chaogiang, Lai
Wodicka, Lisa
Cronin, Maureen T.
                                                                                                                                                                                                                                                                                                                                    Matsuzaki, Hajime
McGall, Glenn H.
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Pred. No. 8.7e+02;
0; Mismatches 2;
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Pred. No. 8.7e+02;
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PRIOR PILING DATE: 199-09-25
PRIOR PILING DATE: 199-09-25
PRIOR PILING DATE: 199-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 199-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR PILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 1094
LENGTH: 30
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                                                                                                                                                      US-10-314-578-1094
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                                                                          Matches
                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION
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APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                  TYPE: DNA
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
TELEPAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/882,649

FILING DATE: «Unknown

APPLICATION NUMBER: US 60/035,170

FILING DATE: 09-DAN-1997

APPLICATION NUMBER: PCT/US97/01603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4012 AAAATGAGAAAAAAGAGAGAAAACAAAA 4039
                                  4012 AAAATGAGAAAAAAGAGAGAAAACAAAA 4039
30 ААЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛ
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Similarity 75.0%; Pred. No. 1.
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                                                                            Conservative
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                                                                                              Score 16.8; DB 1
Pred. No. 1.1e+03
                                                                            Mismatches
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                                                                                                                DB 1;
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US-10-314-578-1095

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APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REPERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
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RESULT 894
US-10-042-193A-2
; Sequence 2, Application US/10042193A
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SOFTWARE: FeatSEQ for Windows Version 3.0
SEQ ID NO 1095
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 30
TYPE: DNA
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Best Local :
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                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: TAKUNAGA, TAKUMI
APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: HORIB, RYUICHI
TITLE OP INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC.
FILE REFERENCE: 218077US0
CURRENT APPLICATION NUMBER: US/10/042,193A
CURRENT FILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: JP 2001-003432
PRIOR FILING DATE: 2001-01-11
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OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: SYNTHETIC DNA
                                                                                                                                                                                                                                                                                                                                      ORGANISM: ARTIFICIAL SEQUENCE FEATURE:
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Local Similarity 75.0%;
les 21; Conservation
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Pred. No. 1.1e+03;
0; Mismatches 7;
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1.1e+03;
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RESULT 895
US-10-380-584-115/c
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                Sequence 2, Application US/10472055
Publication No. US20040161764A1
GENERAL INFORMATION:
APPLICANT: GABERT, JEAN
APPLICANT: BEILLARD, EMMANUEL
TITLE OF INVENTION: PREPARATION OF CALIBRANTS AND THEIR USE
TITLE OF INVENTION: QUANTIFICATION OF NUCLEOTIDE SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 126
SOFTWARE: PatentIn version 3.1
SEQ ID NO 115
LENGTH: 30
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Best Local Similarity
Matches 21; Conserv
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Best Local Similarity 75.0%;
Matches 21; Conservative
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TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Pr
TITLE OF INVENTION: Procease for In Situ Analysis
FILE REFERENCE: 355/001/PCT
CURRENT APPLICATION NUMBER: US/10/380,584
CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: 60/233,177
PRIOR APPLICATION NUMBER: 60/233,177
PRIOR PILING DATE: 2000-09-15
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APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: HORIE, RYUICHI
TITLE OF INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
FILE REFERENCE: 218077US0
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TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
PEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide probe
FILE REFERENCE:
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Conservative
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Pred. No. 1.1e+0
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1.1e+03;
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APPLICANT: ULLMAN, EDWIN F.
TITUE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMP
FILLE REFERENCE: 3817.10-2
CURRENT APPLICATION NUMBER: US/10/371,600
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-03-08
PRIOR FILING DATE: 2002-05-08
PRIOR FILING DATE: 2002-05-08
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PRIOR FILING DATE: 2002-05-08
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US-10-371-600-2/c
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CURRENT FILING DATE: 2003-09-15
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 30
                                                                                                                                                                                                                Sequence 9, Application US/10371600
Publication No. US20030180776A1
GENERAL INFORMATION:
APPLICANT: WU, MING
APPLICANT: ULLMAN, EDWIN F.
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SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 2
LENGTH: 32
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APPLICANT: ULLMAN, EDWIN F.
APPLICANT: ULLMAN, EDWIN F.
TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
FILE REFERENCE: 3817.10-2
CURRENT APPLICATION NUMBER: US/10/371,600
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR APPLICATION NUMBER: 60/359,223
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: 60/379,360
PRIOR PILING DATE: 2002-05-08
PRIOR FILING DATE: 2002-05-08
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ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 75.0%;
hes 21; Conservative
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Local Similarity 75.0%;
hes 21; Conservative
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Pred. No. 1.1e+03;
0; Mismatches 7;
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Pred. No. 1.2e+03;
0; Mismatches 7;
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Sequence 55, Application US/10418182

Publication No. US20030228302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

FILE REFERENCE: 1551.2001-001

CURRENT APPLICATION NUMBER: US/10/418,182

CURRENT FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR FILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 55

LENGTH: 36

TYPE: DNA ORGANISM: Artificial Sequence FEATURE:

RESULT 900 US-10-418-182-55

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APPLICANT: WU, MING
APPLICANT: ULLMAN, EDWIN F.

APPLICANT: ULLMAN, EDWIN F.

TITLE OF INVENTION. DETECTION BY SLIDING TEMPLATE AMPLIFICATION
FILE REFERENCE: 3817.10-2

CURRENT APPLICATION NUMBER: US/10/371,600

CURRENT FILING DATE: 2003-05-19

PRIOR APPLICATION NUMBER: 60/359,223

PRIOR APPLICATION NUMBER: 60/359,223

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: 60/379,360

PRIOR FILING DATE: 2002-05-08

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 10

LENGTH: 32
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                                                                                                                                        ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide US-10-371-600-10
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US-10-371-600-10/c
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Best Local Similarity
Matches 21; Conserv
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SEQ ID NO 9
LENGTH: 32
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Best Local Similarity
Matches 21; Conserv
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                                 4012 АЛАЛТGАGAЛАЛААGAGAGAЛААСЛАЛА 4039
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32 AAAAAAAAAAAAAAAAAAA 5
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Pred. No. 1.2e+03;
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Pred. No. 1.
                                                                        Mismatches
                                                                                         .2e+03;
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TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
FILE REFERENCE: 02810.0014.NPUS02
CURRENT APPLICATION NUMBER: US/09/949,427
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOPTWARE: PatentIn version 3.1
SEQ ID NO 93
LENGTH: 23
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APPLICANT: Castell
APPLICANT: Chatter
APPLICANT: de Jong
APPLICANT: Lusis,
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Matches 19; Conserv
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              APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
FILE REFERENCE: 02810.0014.NPUS01
CURRENT APPLICATION NUMBER: US/09/949,428
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR PELING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Synthetic Primer
SOFTWARE: PatentIn version 3.1
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Lusis, Aldons J.
Ohmen, Jeff
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Chatterjee, Aurobindo
de Jong, Pieter
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Ohmen, Jeff
Ross, David
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Pred. No. 8.4e+02;
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Pred. No. 1.3e+03;
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NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                   ; OTHER INFORMATION: US-10-309-775A-4
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OTHER INFORMATION: PCR Primer Sequence
US-10-100-082-5
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; LENGTH: 23
; TYPE: DNA
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                                                                                                                                                                                                                                                                    Sequence 4, Application US/10309775A
publication No. US20040006032A1
GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 24
TYPE: DNA
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Best Local Similarity 82.6
Matches 19; Conservative
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Query Match
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                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/100,082 CURRENT FILING DATE: 2002-03-19 PRIOR APPLICATION NUMBER: US 60/276,474 PRIOR FILING DATE: 2001-03-19
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APPLICANT: VELLECA, Mark A.
APPLICANT: MELLMAN, Ira
TITLE OF INVENTION: Methods for Isolating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 051538-5003US
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Local Similarity 82.6%;
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Pred. No. 8.9e+02;
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Pred. No. 8.4e+02;
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 Length 24;
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RESULT 907

US-09-866-108-3233/c

; Sequence 3233, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:
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; OTHER INFORMATION: Synthetic US-10-670-015-1
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APPLICANT: Alvarado, Gabriel
APPLICANT: Alvarado, Gabriel
TITLE OF INVENTION: Compositions and Methods for the Use of FMOC Derivatives
TITLE OF INVENTION: DNA/RNA Synthesis
FILE REFERENCE: SYNGEN-08259
CURRENT APPLICATION NUMBER: US/10/670,015
CURRENT APPLICATION NUMBER: US/10/670,015
CURRENT FILING DATE: 2003-09-24
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1
LENGTH: 24
TYPE- NO.
                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/10670015
Publication No. US20040180355A1
GENERAL INFORMATION:
APPLICANT: Alvarado, Gabriel
TITLE OF INVENTION: Compositions and Methods for the Use of FMOC Derivatives
TITLE OF INVENTION: DNA/RNA Synthesis
FILE REFERENCE: SYNGEN-08259
CURRENT APPLICATION NUMBER: US/10/670,015
CURRENT FILING DATE: 2003-09-24
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1
LENGTH: 24
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Best Local Similarity
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Best Local Similarity
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ORGANISM: Artificial Sequence
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llarity 82.6%;
Conservative
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Pred. No. 8.9e+02;
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Pred. No. 8.9e+02;
0; Mismatches 4;
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US-09-866-108-3234/c; Sequence 3234, Application; Patent No. US20020048800A1
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PRIOR PRILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
                                                                    APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharzon G.
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
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SOFTWARE: Aeomica Sequence
SEQ ID NO 3233
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Best Local 9
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                     APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
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ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
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PENN, Sharron
HANZEL, David
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CURRENT FILING DATE: PRIOR APPLICATION NUMBER OF PRIOR PILING DATE: 20

APPLICATION NUMBER: US 60/207,456 FILING DATE: 2000-05-26

2001-05-25

APPLICATION NUMBER: GB 24263.6

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RESULT 909
US-09-866-108-3235/c
US-09-866-108-3235/c
J Sequence 3235, Application US/09866108
J Patent No. US20020048800A1
J GENERAL INFORMATION:
      APPLICANT: GU, YIZHONG
APPLICANT: GU, YIZHONG
APPLICANT: DENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, WENSHONG
APPLICANT: OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT ETLING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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; ORGANISM: Homo sapiens
US-09-866-108-3234
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SOFTWARE: Aeomica Sequence
SEQ ID NO 3234
LENGTH: 25
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/266,860
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00661
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APPLICATION NUMBER: PCT/US01/00667
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19; Conservative
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                                  FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR PILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-10-04

PRIOR PILING DATE: 2000-10-04

PRIOR PILING DATE: 2000-10-04

PRIOR PILING DATE: 2000-10-04

PRIOR PILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR APPLICATION NUMBER: PCT/US01/00665
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LENGTH: 25
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Best Local Similarity 82.6%;
Matches 19; Conservative
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00661
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00665
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                        APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30
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PENN, Sharron
HANZEL, David
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Pred. No. 9
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US-09-866-108-4408/c
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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RAPPLICATION NUMBER: PCT/US01/00661

DR FILING DATE: 2001-01-30

DR APPLICATION NUMBER: PCT/US01/00670

DR FILING DATE: 2001-01-30

DR APPLICATION NUMBER: US 60/234,687

DR APPLICATION NUMBER: US 60/234,687

DR FILING DATE: 2000-09-21
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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                                                                                APPLICATION NUMBER: PCT/US01/00661 FILING DATE: 2001-01-30
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APPLICATION NUMBER: US 60/234,687 FILING DATE: 2000-09-21
                                       APPLICATION NUMBER: PCT/US01/00670 FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00662
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APPLICATION NUMBER: PCT/US01/00662
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PENN, Sharron
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Pred. No. 9.
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; ORGANISM: Homo sapiens US-09-866-108-4409
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US-09-866-108-4408
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/USO1/00666
PRIOR APPLICATION NUMBER: PCT/USO1/00666
PRIOR APPLICATION NUMBER: PCT/USO1/00667
PRIOR APPLICATION NUMBER: PCT/USO1/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4408
LENGTH: 25
TYPE: DNA
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LENGTH: 25
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SOFTWARE: Aeomica Sequence
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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APPLICANT: CHAN, Mensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/266,860 PRIOR FILING DATE: 2001-02-05
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APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00663
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Similarity 82.6%;
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PENN, Sharron
HANZEL, David
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Query Match

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RESULT 913
US-09-866-108-5201
RESULT 914
US-09-866-108-5202
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US-09-866-108-5201
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PRIOR FILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
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SOFTWARE: Acomica Sequence |
SEQ ID NO 5201
LENGTH: 25
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GENERAL INFORMATION:
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
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PRIOR FILING DATE: 2000-05-26
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00661
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FILING DATE: 2001-01-30
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PENN, Sharron G.
HANZEL, David K.
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Pred. No. 9.4e
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US-09-866-108-5203
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; ORGANISM: Homo sapiens
US-09-866-108-5202
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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SEQ ID NO 5202
LENGTH: 25
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Best Local Similarity
Matches 19; Conserv
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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                                                          : GU, Yizhong
: JI, Yonggang
: PENN, Sharron G.
: HANZEL, David K.
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US20020048800A1
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PENN, Sharron
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                      RANK, David R. CHEN, Wensheng
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Pred. No. 9.4e+02;
0; Mismatches 4;
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; ORGANISM: Homo sapiens
US-09-866-108-5203
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Best Local Similarity 82.6
Matches 19; Conservative
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Patent No. US20020048800A1
GENERAL INFORMATION:
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SEQ ID NO 5203
LENGTH: 25
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APPLICANT: JI, Y:
APPLICANT: PENN
APPLICANT: HANZI
PRIOR APPLICATION NUMBER: GB 24263.6 PRIOR FILING DATE: 2000-10-04 PRIOR APPLICATION NUMBER: US 60/236,359 PRIOR FILING DATE: 2000-09-27
                                                                               APPLICANT: SHANKON, MAIK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AROMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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PILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: US 60/266,860
FILING DATE: 2001-02-05
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APPLICATION NUMBER: US 60/234,687
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APPLICATION NUMBER: PCT/US01/00670
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APPLICATION NUMBER: PCT/US01/00661
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FILING DATE: 2001-01-30
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Pred. No. 9.4e+02;
0; Mismatches 4
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12694
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                                                                                                               CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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SEQ ID NO 12694
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Best Local :
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APPLICANT:
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
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PRIOR
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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FILING DATE: 2001-01-30
                                     FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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FILING DATE:
APPLICATION
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Similarity 82.6%;
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HANZEL, David
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: 2001-01-30
NUMBER: PCT/US01/00665
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Pred. No. 9.
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TITLE OF INVENTION: Murine Interferon-Alpha
FILE REFERENCE: 99-11D1
CURRENT APPLICATION NUMBER: US/09/951,843
CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: 09/528,760
PRIOR APPLICATION NUMBER: 60/125,045
PRIOR APPLICATION NUMBER: 60/125,045
PRIOR APPLICATION NUMBER: 60/125,045
PRIOR FILING DATE: 1999-03-18
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US-09-951-843-10
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12695
                                                                  RESULT 919
US-10-060-756A-3679
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SEQ ID NO 12695
LENGTH: 25
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Patent No. US20020168378A1
GENERAL INFORMATION:
Sequence 3679, Application US/10060756A Publication No. US20030046717A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 22
SOFTWARE: FRAELSEQ for Windows Version
SEQ ID NO 10
LENGTH: 25
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Best Local Similarity 82.6%; Pred. No. 9.4e+02
Matches 19; Conservative 0; Mismatches
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Best Local 9
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
PRIOR FILING DATE: 2001-02-05
PRIOR FILING DATE: 2001-02-05
PRIOR FILING DATE: 2001-02-05
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 1999-09-23
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Local Similarity 82.6%;
nes 19; Conservative
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Pred. No. 9.4e+02;
0; Mismatches 4;
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                                                      ; TYPE: DNA; ORGANISM: Homo sapiens US-10-060-756A-3680
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3679
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CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
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PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/USO1/00663
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-05-23
PRIOR PILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
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CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 3679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3680, Application US/10060756A Publication No. US20030046717A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%;
Best Local Similarity 82.6%;
Matches 19; Conservative
                                                                                                                                                    SOFTWARE: Aeomica
SEQ ID NO 3680
Query Match
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PRIOR
PRIOR
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TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 4804
                                                                                                                                                                                                                                  PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
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TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
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                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
APPLICATION NUMBER: US 09/864,761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
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          0.2%;
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Pred. No. 9.4e+02
       Score 16.6;
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          B
          ب.
          Length 25;
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CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR PILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR APPLICATION NUMBER: US 09/864,761
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                                                   ; OTHER INFORMATION: Synthetic Oligonucleotide US-10-215-112-13497
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3681
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US-10-060-756A-3681
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                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/215,112
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13497
                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Michael Mittmann
TITLE OF INVENTION: Method of
TITLE OF INVENTION: Test3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13497, Application US/10215112 Publication No. US20030082596A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.2%;
Best Local Similarity 82.6%;
Matches 19; Conservative
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LENGTH: 25
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GENERAL INFORMATION:
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Publication No. US20030046717A1
  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 4804
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                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                  ENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4040
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Pred. No. 9.4e+02;
0; Mismatches 4
  Score 16.6;
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  1;
                                                                                                                                                                                                                                                                                                                                                                                               of Probes:
Length 25;
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US-10-098-263B-12062/c
US-10-098-263B-12062/c
; Sequence 12062, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
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                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-38942
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                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 38942
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V
SEQ ID NO 12062
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 38942, Application US/10098263B Publication No. US20030104410A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                Query Match 0.2%;
Best Local Similarity 82.6%;
Matches 19; Conservative
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Mittman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                          LENGTH: 25
                  2321 TTGTGGTGCAGAAACGCCATCAC 2343
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3 TCGTGGTGCAGCAACGGCATCGC 25
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Similarity 82.6%;
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Pred. No. 9.4e+02
0; Mismatches
                                                                                      Score 16.6; DB 1
Pred. No. 9.4e+02
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0; Mismatches 4
                                                                    Mismatches
                                                                                                         DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 25;
                                                                                                   Length 25;
                                                                      Indels
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US-10-098-263B-41771

Sequence 41771, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray

Michael Human Microarray

RESULT 925

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Sequence 43190, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
ITTLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1

CURRENT FILING DATE: 2003-01-08

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOPTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 43190

LENGTH: 25
                                                                                                   FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOPTWARE: Microarray Probe Sequence Listing G
SEQ ID NO 44071

LENGTH: 25
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; ORGANISM: Homo sapien
US-10-098-263B-43190
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US-10-098-263B-44071
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                                                     ; ORGANISM: Homo sapien 
US-10-098-263B-44071
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PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 41771
LENGTH: 25
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Matches
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Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                                APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray
                                                                                          TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%;
Local Similarity 82.6%;
nes 19; Conservativo
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19; Conserv
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                                                                                                                                            Sequence Listing Generator V 1.1
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Pred. No. 9.4e+02;
0; Mismatches 4
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Pred. No. 9.4e+02;
   Score 16.6; DB 1;
Pred. No. 9.4e+02;
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                      Length 25;
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; SEQ ID NO 50707
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-50707
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RESULT 930
US-10-098-263B-68759
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                                                                                                                                                                                                               ; TYPE: DNA; Homo sapien; ORGANISM: Homo sapien US-10-098-263B-65555
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US-10-098-263B-65555/c
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APPLICANT: Mithman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT FILING DATE: 2003-01-08
FRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
PRIOR FILING DATE: 2001-03-16
                                                                                                                                                                                                                                                             SEQ ID NO 65555
LENGTH: 25
                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Mithman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2003-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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Best Local Similarity 82.6%;
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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                                                                                                       4151 GATTTGTTCTCTGACCTGGCTAG 4173
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Similarity 82.6%;
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                                                                                                                                        Score 16.6; DB 1;
pred. No. 9.4e+02;
0; Mismatches 4;
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Pred. No. 9.4e+02;
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Sequence 68759, Application US/10098263B publication No. US20030104410A1 GENERAL INFORMATION: APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

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; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-68759
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                                                                       ; ORGANISM: Homo sapien US-10-098-263B-80455
                                                                                                                                                                                                                                                                                                                                                                                    US-10-098-263B-80455/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-70479
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Query Match
Best Local S
Matches 19
                                                                                                                       APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 80455
LENGTH: 25
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 68759
                                                                                                                                                                                                                                                                                                                            Sequence 80455, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOPTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 74479
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APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
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Best Local Similarity 82.6%;
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
                                                                                                             TYPE: DNA
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h 0.2%;
Similarity 82.6%;
19; Conservative
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milarity 82.6%;
Conservative
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Pred. No. 9.4e+02;
0; Mismatches 4
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Score 16.6; DB 1;
Pred. No. 9.4e+02;
0; Mismatches 4
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                                  DB 1;
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Sequence 85456, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:

APPLICANT: Mittman, Michael

TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 84556

LENGTH: 25

TYPE: DNA

CONTRACT: DNA
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US-10-098-263B-92448/C
                  RESULT 935
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                                                                                                                                                                                                                  ; ORGANISM: Homo sapien US-10-098-263B-85456
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US-10-098-263B-85456
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 83509
LENGTH: 25
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APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
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                                                                                                                                         V Match 0.2%;
Local Similarity 82.6%;
nes 19; Conservative
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                                                                                              584 GAATCTTTAAGGTCTCCATCAAG
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Similarity 82.6%;
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                                                                                                                                           Score 16.6; DB 1;
Pred. No. 9.4e+02;
0; Mismatches
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Pred. No. 9.4e+02;
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Sequence 92448, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION: APPLICANT: Wittman, Michael TITLE OF INVENTION: Human Microarray FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

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APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOPTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 103795
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-103795
                                                                                                                                                                                                                                                             RESULT 937
US-10-998-263B-127099/c
US-10-998-263B-127099, Application US/10098263B
Sequence 127099, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
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                                                                                ; ORGANISM: Homo sapien
US-10-098-263B-127099
                                                                                                                                     PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEO ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 127099
LENGTH: 25
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Best Local Similarity
Matches 19; Conserv
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  Best Local Similarity 82.
                                          Query Match
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PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
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Score 16.6; DB 1; Length 25; Pred. No. 9.4e+02; 0; Mismatches 4; Indels
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Pred. No. 9.4e+02;
0; Mismatches 4;
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RESULT 938
US-10-358-619-10
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US-10-061-201-3337/c
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                                  CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00666
PRIOR APPLICATION NUMBER: PCT/USO1/00666
PRIOR APPLICATION NUMBER: PCT/USO1/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00664
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/006670
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR APPLICATION NUMBER: PCT/USO1/00670
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NUMBER OF SEQ ID NOS: 22
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 10
LENGTH: 25
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Publication No.
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Best Local S
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PRIOR FILING DATE: 2001-09-12
PRIOR PPLICATION NUMBER: 09/528,760
PRIOR PILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/125,045
PRIOR PILING DATE: 1999-03-18
PRIOR APPLICATION NUMBER: 60/155,739
PRIOR APPLICATION NUMBER: 60/155,739
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CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
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PRIOR
PRIOR
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN
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TITLE OF INVENTION: Murine Interferon-Alpha
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                      APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
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APPLICATION NUMBER: US 09/864,761
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ilarity 82.6%;
Conservative
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Pred. No. 9.4e+02;
0; Mismatches 4;
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RESULT 941
US-10-061-201-3339/c
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CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
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NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 3337
LENGTH: 25
                                                         Sequence 3339, Application US/10061201 Publication No. US20030166229A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 3338
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Best Local Similarity
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Publication No. US20030166229A1
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
APPLICANT: Shannon, Ma:
TITLE OF INVENTION: HUI
FILE REFERENCE: PB0178
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN
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                      HUMAN POSH-LIKE PROTEIN
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Pred. No. 9.4e+02;
0; Mismatches 4
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Pred. No. 9.4e+02
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; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3
; SEQ ID NO 765
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-765
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR PILING DATE: 2001-05-23
PRIOR PILING DATE: 2001-01-10
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
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Matches
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LENGTH: 25
                                                                Matches
                                                                                 Query Match
Best Local
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Publication No. US20040110221A1
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CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                        FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
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APPLICANT: Burc
APPLICANT: Twin
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APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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ORGANISM: Homo sapiens
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5860 TTAGCTGGCAGGGTCAGGCTTAG 5882
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Similarity 82.6%;
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Twine, Natalie C.
Dorner, Andrew J.
Trepicchio, William L.
                                                                  Conservative
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Pred. No. 9
                                                                                       Score 16.6; DB 1
Pred. No. 9.4e+02
                                                                  Mismatches
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                                                                                                                            ; ORGANISM: Homo sapiens
US-10-717-597-3424
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CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR PPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
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Best Local Similarity 82.6%;
Matches 19; Conservative (
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SEQ ID NO 3423
LENGTH: 25
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SEQ ID NO 3424
LENGTH: 25
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                                          Query Match 0.2%; Score 16.6; DB 1; Best Local Similarity 82.6%; Pred. No. 9.4e+02; Matches 19; Conservative 0; Mismatches 4;
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR PILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Trepicchio, William L.
APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC
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PPLICANT: Stover, Jennifer A.
ITLE OF INVENTION: METHODS FOR DIAGNOSING
                                                                                                                                                                      TYPE: DNA
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  5775 CCGGCCTGCCTGCCTGCCT 5797
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Twine, Natalie C.
Dorner, Andrew J.
Trepicchio, William L.
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Twine, Natalie C.
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Pred. No. 9.4e+02;
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PRIOR APPLICATION

PRIOR APPLICATION NUMBER: PCT/USU-

PRIOR FILING DATE: 2001-0-30

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
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; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3233
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-3233
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US-10-723-361-3234/c
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Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
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Best Local Similarity 82.6%;
Matches 19; Conservative
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 67/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                  APPLICANT: PENN, Sharron G.
APPLICANT: HANCEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
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CURRENT APPLICATION NUMBER: US/10/723,361
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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HANZEL, David
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Pred. No. 9.4e+02;
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CURRENT FILING DATE:

2003-11-26

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                   PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
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Best Local
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LENGTH: 25
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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TITLE OF INVENTION: HIMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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ORGANISM: Homo sapiens
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
                                                                                     APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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HANZEL, David K.
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Pred. No. 9.4e+02
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-3235
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US-10-723-361-4407/c
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                                                                                                              ; ORGANISM: Homo sapiens US-10-723-361-4407
                                                                                                                                                             Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4407
LENGTH: 25
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LENGTH: 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
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                                                                                                                                                    TYPE: DNA
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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HANZEL, David
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ilarity 82.6%;
Conservative
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Pred. No. 9.4e
0; Mismatches
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Pred. No. 9.4e+02
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RESULT 949
US-10-723-361-4408/c
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US-10-723-361-4408
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PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
                                                                                                                              APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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Best Local Similarity
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Publication No. US20040137589A1
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APPLICANT: RANK, DAVId K.
APPLICANT: RANK, DAVID R.
APPLICANT: CHEM, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
CURRENT FILING DATE: 2003-11-26
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
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                                                                  APPLICANT: SHANNON, MAYK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
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APPLICATION NUMBER: PCT/US01/00668
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Pred. No. 9.4e
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4409
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CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: RANK, David R.
APPLICANT: CHANNON, MARK
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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           OR PILICATION NUMBER: PCT/USO1/00667
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00664
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00669
OR APPLICATION NUMBER: PCT/USO1/00665
OR APPLICATION NUMBER: PCT/USO1/00665
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OR FILING DATE: 2001-01-30
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                                                                                                                                                                                                       APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27
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APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: GB 24263.6
FILING DATE: 2000-10-04
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Similarity 82.6%;
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HANZEL, David
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PCT/US01/00668
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Pred. No. 9.4e+02;
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RESULT 953
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-5201
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PRICING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PRIOR DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PILING DATE: 2001-01-30
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US-10-723-361-5202
                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-5202
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SEQ ID NO 5201
LENGTH: 25
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SEQ ID NO 5202
LENGTH: 25
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Best Local Similarity
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Best Local Similarity
                                                                                                                                                         Matches
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
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                                                                                                                                                                                                                                                                                                                                                  Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US01/00668 PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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HANZEL, David
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Pred. No. 9.4e
O; Mismatches
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Pred. No. 9.4e+02
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US-10-723-361-12694
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CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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Best Local S
Matches 19
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SEQ ID NO 5203
LENCTH: 25
TYPE: DNA
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APPLICANT:
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
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OR FILING DATE: 2001-01-30

OR APPLICATION NUMBER: PCT/USO1/00667

OR FILING DATE: 2001-01-30

OR APPLICATION NUMBER: PCT/USO1/00664

OR FILING DATE: 2001-01-30

OR APPLICATION NUMBER: PCT/USO1/00669

OR FILING DATE: 2001-01-30

OR APPLICATION NUMBER: PCT/USO1/00665

OR FILING DATE: 2001-01-30

OR PILING DATE: 2001-01-30

OR PILING DATE: 2001-01-30
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Pred. No. 9.4e
0; Mismatches
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APPLICANT: CHANNO, MARK
APPLICANT: SHANNON, MARK
FILE REFERENCE: P80105
CURRENT APPLICATION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN FILE REFERENCE: P80105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT APPLICATION NUMBER: US 09/866,108
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
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; ORGANISM: Homo sapiens
US-10-723-361-12694
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: DCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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Best Local Similarity 82.6
Matches 19; Conservative
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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APPLICATION NUMBER: US 60/236,359
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; Pred. No. 9.4e.
0; Mismatches
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 715
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-715
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12695
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US-10-775-169-2828
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SEQ ID NO 2828
SEQ ID NO 2828
TYPE: DNA
ORGANISM: Probe
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Publication No. US20
GENERAL INFORMATION:
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Publication No. US20040175743A1
GENERAL INFORMATION:
APPLICANT: Wyeth
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Best Local Similarity 82.6%;
Matches 19; Conservative
                                                 Query Match
Best Local Similarity
Matches 19; Conserv
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Best Local Similarity 82.6%;
Matches 19; Conservative
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APPLICANT: Burcz;
APPLICANT: Twine
APPLICANT: Dorne:
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TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
                                                                                                                                                                                                                             APPLICANT: Dorner, Andrew
APPLICANT: Trepicchio, William
TITLE OP INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILLING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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4106 TTTATATCCCAGAAACATTGAGC 4128
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Dorner, Andrew
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Twine, Natalie
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b. US20040175743A1
                                                                    0.2%;
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Pred. No. 9.4e+02;
0; Mismatches 4;
                                                   Score 16.6; DB 1;
Pred. No. 9.4e+02;
0; Mismatches 4;
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Pred. No. 9.4e+02;
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                                                                                    Length 25;
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TTGGTACCCCAGAAACATTCAGC 1

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RESULT 960
US-10-775-169-3974
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US-10-775-169-3805
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; ORGANISM: probe
US-10-775-169-3805
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                                                   Sequence 3974, Application US/10775169 Publication No. US20040175743A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conserv
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 3059
LENGTH: 25
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Publication No. US20040175743A1
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SEQ ID NO 3805
LENGTH: 25
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APPLICANT: Burcz:
APPLICANT: Twine
APPLICANT: Dorne
APPLICANT: Trepi
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Best Local Similarity
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APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
FURRENT FAPPLICATION NUMBER: US/10/775,169
CURRENT FILLING DATE: 2004-02-11
RUMBER OF SEQ ID NOS: 5278
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APPLICANT: Dorner, Andrew
APPLICANT: Trepicchio, William
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT PRILING DATE: 2004-02-11
CURRENT FILING DATE: 2004-02-11
 APPLICANT: Wyeth APPLICANT: Burc: APPLICANT: Twing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wyeth APPLICANT: Burcz APPLICANT: Twine
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Burczynski, Michael
Twine, Natalie
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. US20040175743A1
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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CURRENT APPLICATION NUMBER: US/10/176,055; CURRENT FILING DATE: 2002-06-21; PRIOR APPLICATION NUMBER: 60/299,460 PRIOR FILING DATE: 2001-06-21; NUMBER OF SEQ ID NOS: 11; SOFTWARE: PATENTIN Ver. 2.1; SEQ ID NO 10; LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.2
SEQ ID NO 3974
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-3974
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APPLICANT: Zhong, Weidong
APPLICANT: Hong, Zhi
APPLICANT: Horg, Zhi
APPLICANT: Ferrari, Eric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
FILE REFERENCE: IN01165
FILE REPELICATION NUMBER: US/09/828,034
CURRENT APPLICATION NUMBER: US/09/828,034
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: U.S. 60/195,852
PRIOR FILING DATE: 2000-04-06
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Publication No. US20030013109A1
GENERAL INFORMATION:
APPLICANT: Evident Technologies
TITLE OF INVENTION: Haiprin Sensors Using Quenchable Fluorescing Agents
FILE REFERENCE: 11739/26
                                                                                                                                                                               Sequence 15, Application US/09828034
Patent No. US20020064771A1
GENERAL INFORMATION:
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Best Local (
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Best Local Similarity
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APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Complementary probe that binds specifically to OTHER INFORMATION: target sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Complementary OTHER INFORMATION: probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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Pred. No. 9.
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Pred. No. 1.2e+03
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NUMBER OF SEQ ID NOS: 33

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US-09-961-077-1167/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOPTWARE: PatentIn Ver. 2.1 SEQ ID NO 15
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Best Local Similarity
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                                                   TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1167:
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                                                                                                                                                                                                 PRIOR APPLICATION UNMBER: 08/679,645
APPLICATION NUMBER: 08/679,645
FILING DATE: JULY 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: JULY 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: CUnknown>
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               SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                        NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 1263
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Edington, Brent E.
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STATE: California
COUNTRY: U.S.A.
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TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        90071-2066
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Merlo, Patricia Ann Owens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Suite 4700
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                                                                                          955-0440
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Pred. No. 6.5e+02
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; STRANDEDNESS: single TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 1167: US-09-961-077-1167
PRIOR APPLICATION NUMBER: GB 0018016.6
PRIOR PILING DATE: 2000-07-21
PRIOR PRILING DATE: 2000-07-21
PRIOR PILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 25
SOFTWARB: Patentin Ver. 2.1
SEQ ID NO 18
LENGTH: 18
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FILE REFERENCE: U.S. Application 09/205,995,
CURRENT APPLICATION NUMBER: US/10/054,387
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR FILING DATE: 1998-03-09
PRIOR PILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 79
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Best Local Similarity 94.4%;
Matches 17; Conservative
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Publication No. US20030165952A1
GENERAL INFORMATION:
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LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local 9
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                                                                                                                                                              APPLICANT: Ernfors, Patrik
APPLICANT: Bauren, Goran
TITLE OP INVENTION: Methods for analysis and identification of transcribed
TITLE OP INVENTION: genes, and fingerprinting
FILE REFERENCE: smwfp5941752
CURRENT APPLICATION NUMBER: US/10/333,461
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Xu, Minzhen APPLICANT: Qiu, Gang APPLICANT: Humphreys,
                                                                                                                                                                                                                                                                                                           APPLICANT: Global Genomics AB APPLICANT: Linnarsson, Sten
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE: FEATURE: Obscription of Artificial Sequence: antisense OTHER INFORMATION: oligonuclectide corresponding to a specific region OTHER INFORMATION: of the mouse Ii gene.
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
0; Mismatches 1
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LANGERBERG, Peter

LELICANT: LINNARSON, Sten
APPLICANT: ERNFORS, Patrik
TITLE OF INVENTION: Methods and Means for Identification of Gene
FILE REFERENCE: 620-235
CURRENT APPLICATION NUMBER: US/10/352,255A
CURRENT FILING DATE: 2003-01-28
PRIOR APPLICATION NUMBER: US 60/352,245
PRIOR PILING DATE: 2002-01-29
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2 1
SEQ ID NO 18
LENGTH: 18
TYPE: PN"
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Matches 17; Conserv
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SEQ ID NO 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Linnarsson, Sten
APPLICANT: Ernfors, Patrik
APPLICANT: Bauren, Goran
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APPLICANT: Pihlak, Arno
APPLICANT: Montelius, Andreas
TITLE OF INVENTION: Methods And Means For Manipulating Nucleic
FILE REFERENCE: 620-234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Double-stranded product DNA
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CURRENT APPLICATION NUMBER: US/10/436,231
CURRENT FILING DATE: 2003-05-12
PRIOR APPLICATION NUMBER: US 60/452,481
PRIOR FILING DATE: 2003-03-06
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                         CURRENT APPLICATION NUMBER: US/10/436,231
CURRENT FILING DATE: 2003-05-12
PRIOR APPLICATION NUMBER: US 60/452,481
PRIOR FILING DATE: 2003-03-06
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6
LENGTH: 18
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APPLICANT: Strategene
APPLICANT: Strategene
APPLICANT: Firmin, Andrew
TITLE OF INVENTION: COMPOSITIONS AND METHODS |
FILE REFERENCE: 25436/2392
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Publication No. US20040175704A1
GENERAL INFORMATION:
APPLICANT: Stratagene
APPLICANT: Sorge, Joseph A
APPLICANT: Firmin, Andrew
TITLE OF INVENTION: COMPOSITIONS AND METHODS
FILE REFERENCE: 25436/2392
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Best Local Similarity
Query Match
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                                                    ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Example Allele A comprising tandem repeats
                                                                                                          TYPE: DNA
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Pred. No. 6.5e+02
0; Mismatches
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Pred. No. 6.5e+02
Score 16.4;
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DB 1;
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SEQ ID NO 10119
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Publication No. US20040005584A1
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                                                                       APPLICANT: Beigelman, Leonid
APPLICANT: Bayco, Pamela
TITLE OP INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OP INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OP INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/131 (MBHB02-742-P)
CURRENT APPLICATION NUMBER: US/10/655,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR APPLICATION NUMBER: US 03/05022
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR APPLICATION NUMBER: US 60/399,796
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR PILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Bialielic markers for use in constructing a high density...
FILE REFERENCE: GENSET.0200F10
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, APPLICANT: Chumakov, Il
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-9587 for SEQ
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ORGANISM: Homo Sapiens
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nes 17; Conserv
RELING DATE: 2002-07-03
REPLICATION NUMBER: US 10/287,949
REFERENCE DATE: 2002-11-04
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Beigelman, Leonid
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Pred. No. 76
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PRIOR APPLICATION NUMBER: US 10/399,348

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR APPLICATION NUMBER: US 10/7

PRIOR FILING DATE: 2002-07-03

PRIOR PRIOR PRIOR PRIOR PRIOR DATE: 2002-07-03

PRIOR PRIOR PRIOR DATE: 2002-07-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local &
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                                       SEQ ID NO 853
LENGTH: 19
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APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Recept
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/131 (MBHB02-742-F)
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/176:
PRIOR FILING DATE: 2002-05-29
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PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
                                                                                                                                            PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US OPRIOR FILING DATE: 2002-06-06
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                                                                                 SOFTWARE: PatentIn version 3.2
                                                                                                    Remaining Prior Application data NUMBER OF SEQ ID NOS: 2455
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TYPE: RNA
ORGANISM: Artificial Sequence
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APPL/CATION NUMBER: PCT/US 02/17674
FILING DATE: 2002-05-29
APPL/CATION NUMBER: US 60/358,580
FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                           FILING DATE: 2002-11-04
APPLICATION NUMBER: US 10/306,747
FILING DATE: 2002-11-27
APPLICATION NUMBER: PCT/US 02/17674
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o. US20040138163A1
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ilarity 94.4%;
Conservative
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Pred. No. 7e+02;
0; Mismatches 1;
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APPLICANT: Christensen, Leif
APPLICANT: Coull, James M.
APPLICANT: Coull, James M.
APPLICANT: Kiely, John
APPLICANT: Linked Peptide Nucleic Acids
FILE REFERENCE: ISISS042
CURRENT APPLICATION NUMBER: US/10/188,404
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/25,951
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR FILING DATE: 1994-07-15
PRIOR FILING DATE: 1997-04-23
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 49
LENGTH: 20
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US-10-188-404-49
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US-10-164-915-1/c
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Sequence 1, Application US/10164915
Publication No. US20030148391A1
GENERAL INFORMATION:
APPLICANT: Salafsky, Joshua S.
TITLE OF INVENTION: Method Using a
TITLE OF INVENTION: for Detection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.2%;
Best Local Similarity 55.6%;
Matches 10; Conservative
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Publication No. US20030105286A1
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Best Local
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OTHER INFORMATION: N is Pseudoiscytosine
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OTHER INFORMATION: N is
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LOCATION: (10)..(11)
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OTHER INFORMATION: Synthetic construct
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Buchardt, Ole
Dueholm, Kim L.
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; Pred. No. 7e+0
7; Mismatches
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Pred. No. 7.5e+02;
0; Mismatches 2
Surface-Selective No. US20030148391Allinear Optica of Interactions Involving a Conformational Change
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CURRENT APPLICATION NUMBER: US/10/374,686
CURRENT FILING DATE: 2003-02-26
PRIOR APPLICATION NUMBER: PCT/US01/41941
PRIOR FILING DATE: 2001-08-29
PRIOR APPLICATION NUMBER: 60/228728
PRIOR FILING DATE: 2000-08-29
PRIOR FILING DATE: 2000-08-29
PRIOR PRIOR PRIOR DATE: 2001-03-30
PRIOR FILING DATE: 2001-03-30
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CURRENT APPLICATION NUMBER: US/10/164, CURRENT APPLICATION NUMBER: US/10/164, CURRENT FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: 60/253,862
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: 60/260,249
PRIOR APPLICATION NUMBER: 60/265,775
PRIOR APPLICATION NUMBER: 60/265,775
PRIOR APPLICATION NUMBER: 60/278,941
PRIOR APPLICATION NUMBER: 60/278,941
PRIOR FILING DATE: 2001-01-27
NUMBER OF SEQ ID NOS: 6
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                                                                                         Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local S
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TITLE OF INVENTION: Methods Employing Fluorescent Quenching
TITLE OF INVENTION: by Metal Surfaces
FILE REFERENCE: 600-1-260PCTUS
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APPLICANT: Calame, M
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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                                          4461 GACTTTTTT
18 GAGITTTTTTTTTTTTT
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                                                                                         Conservative
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                                                                                                                0.2%;
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                                               4478
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Pred. No. 7.5e+02
                                                                                                                  Score 16.4; DB 1
Pred. No. 7.5e+02
                                                                                              Mismatches
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                                                                                            Gaps
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RESULT 976 US-10-671-395-990

Sequence 990, Application US/10671395 Publication No. US20040132063A1 GENERAL INFORMATION:

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US-10-374-686-3/c
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US-10-728-399-199
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA; ORGANISM: artificial; PEATURE: ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-728-399-199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Pharmacia Corp.

APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455 1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: Patentin version 3.2
SEQ ID NO 199
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT PILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 990
                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                   GENERAL INFORMATION:
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APPLICANT: Dubertret, Benoit
APPLICANT: Calame, Michel
APPLICANT: Libchaber, Albert
APPLICANT: Libchaber, Albert
TITLE OF INVENTION: Methods Employing Fluorescent Quenching
TITLE OF INVENTION: by Metal Surfaces
FILE REFERENCE: 6001-1260PCTUS
CURRENT APPLICATION NUMBER: US/10/374,686
CURRENT FILING DATE: 2003-02-26
PRIOR APPLICATION NUMBER: PCT/US01/41941
                                                                                                                                                                                                     Sequence 3, Application US/10374686 Publication No. US20040002089A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human mitoNEET antisense
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Pred. No. 7.5e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 16.4; DB 1;
Pred. No. 7.5e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 20;
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NUMBER OF SEQ ID NOS: 6

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
FEATURE: SYNTHETIC OTHER INFORMATION: SYNTHETIC
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                                                                                                                                                           US-10-099-322-209
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Best Local Similarity 94.4
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                    SEQ ID NO 209
                                                                             Best Local
Matches
                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 60/318,410
PRIOR FILING DATE: 2001-09-10
PRIOR APPLICATION NUMBER: 60/261,013
PRIOR PILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 60/261,026
PRIOR APPLICATION NUMBER: 60/261,026
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PRIOR FILING DATE: 2000-08-29
PRIOR APPLICATION NUMBER: 60/280350
PRIOR FILING DATE: 2001-03-30
                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 10/044,564
PRIOR FILING DATE: 2002-01-11
NUMBER OF SEQ ID NOS: 324
SOFTWARE: Patentin Ver. 2.1
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CURRENT FILING DATE: 2002-09-11
                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2001-01-11 PRIOR APPLICATION NUMBER: 60/313,170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/261,029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2001-01-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/261,018
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PRIOR FILING DATE: 2001-01-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 21402-240CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Mezes et al. TITLE OF INVENTION: Proteins and Nucleic Acids
                                                                                                                                                                              FEATURE:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                       LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4461 GACTTTTTTTTTTTTT 4478
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                                     6395 CCTAATGCCCACCTGCTA 6412
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μ
                                                                                                Similarity
                                                                                Conservative
                                                                                                                                                                              Description of Artificial Sequence:oligonucleotide primer
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                                                                                              0.2%;
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                                                                             Score 16.4; DB 1;
Pred. No. 8.5e+02;
0; Mismatches 1;
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                                                                                                                   Length 22;
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RESULT 980 US-10-044-564-209 ; Sequence 209, Application US/10044564 ; Publication No. US20040018196A1

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APPLICANT: Mezes et al.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Sam
FILE REFERENCE: 21402-240

CURRENT APPLICATION NUMBER: US/10/044,564

CURRENT FILING DATE: 2002-09-09

PRIOR APPLICATION NUMBER: 60/261,014

PRIOR PILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 60/261,018

PRIOR FILING DATE: 2001-09-10

PRIOR APPLICATION NUMBER: 60/261,013

PRIOR APPLICATION NUMBER: 60/261,013

PRIOR FILING DATE: 2001-09-10

PRIOR PILING DATE: 2001-01-11

PRIOR PILING DATE: 2001-01-11

PRIOR PILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 60/261,026

PRIOR FILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 60/261,029

PRIOR FILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 60/261,029

PRIOR FILING DATE: 2001-09-10

PRIOR PRIOR PRIOR DATE: 2001-09-17

VUMBER OF SEO ID NOS: 306

SOFTMARSE: DATE: 2001-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 981
US-10-679-064-37
US-10-679-064-37, Application US/10679064
Publication No. US20040126795A1
Publication No. US20040126795A1
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Best Local Similarity
Matches 17; Conserve
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; OTHER INFORMATION: primer
US-10-044-564-209
                                                                                                                                                             ; TYPE: DNA; Sus scrofa; ORGANISM: Sus scrofa US-10-679-064-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Yu, Tun-F
APPLICANT: Hopkins,
APPLICANT: Sasaki,
                                                                                                                                                                                                                              SEQ ID NO 37
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Pat
SEQ ID NO 209
                                                                       Matches
                                                                                                                Query Match
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                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/679,064
CURRENT FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: US 60/416,211
PRIOR FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Deeb, Nader TITLE OF INVENTION: GENETIC MARKERS ASSOCIATED WITH SCROTAL HERNIAS IN FILE REFERENCE: P05787US01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
                                                                     / Match 0.2%;
Local Similarity 94.4%;
nes 17; Conservative
5697 GITTIGCCTTCCTTTTCC
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Sasaki, Shoji
Wang, Lizhen
Bastiaansen, John
Wilson, Eldon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mileham, Alan
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                                                                  Score 16.4; DB 1;
Pred. No. 8.5e+02;
"" wismatches 1;
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Pred. No. 8.5e+02;
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                                                                                                             Length 22;
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                                            CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR PILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR PILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-09-28
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US-10-027-632-52619/c
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PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/167,363
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 52619, Application US/10027632 Publication No. US20030204075A9 GENERAL INFORMATION:
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APPLICANT: Wang, David G.
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 52619, Application US/10027632
Publication No. US20020198371A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 17;
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SEQ ID NO 52619
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
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CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Window
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/146,002 PRIOR FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
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     for Windows Version 4.0
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Pred. No. 9.1e+02;
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; LENGTH: 23
; TYPE: DNA
; ORGANISM: Human
; ORGANISM: Human
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; Sequence 52637, Application US/10027632
; Publication No. US20020198371A1
                                                                                                                                                                                                                                                                                                                                                                        RESULT 985
US-10-027-632-52637/c
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CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 1900-02-24
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR PILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
                                                              Sequence 52637, Application US/10027632

Publication No. US20030204075A9

GENERAL INFORMATION:
APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129

FULE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT APPLICATION NUMBER: 050/218,006

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR APPLICATION NUMBER: US 60/198,676
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SEQ ID NO 52637
LENGTH: 23
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Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 108827.129
                       PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
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FILING DATE: 2000-03-29
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Pred. No. 9.1e+02;
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; LENGTH: 23
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52637
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PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: PastSEQ for Windows Version 4.0
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US-10-027-632-52655
                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILLING DATE: 2000-07-12
PRIOR PELLING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILLING DATE: 2000-04-20
PRIOR PELLING DATE: 2000-03-29
PRIOR PELLING DATE: 2000-03-29
PRIOR PELLING DATE: 2000-02-24
PRIOR PILLING DATE: 2000-02-24
PRIOR PILLING DATE: 1999-11-23
PRIOR PILLING DATE: 1999-11-23
PRIOR PILLING DATE: 1999-09-28
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APPLICANT: Wang, David G.
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
CURRENT FILING DATE: 2002-04-30
                                                                                    Query Match
Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 52655
LENGTH: 23
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                                                                                                                                                                                                                                              TYPE: DNA
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                         4460 GGACTTTTTTTTTTTTTTTTT 4481
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     GGTGTTTTTGKTTTTWTTTTTT 1
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                                                                                                 Conservative
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                                                                                            Score 16.4; DB 1;
Pred. No. 9.1e+02;
2; Mismatches 3;
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Pred. No. 9.1e+02;
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US-10-027-632-52655/c

Sequence 52655, Application US/10027632 Publication No. US20030204075A9 GENERAL INFORMATION:

APPLICANT: Wang, David G.

RESULT 987

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Sequence 74, Application US/10175225
Publication No. US20030082582A1
GENERAL INFORMATION:
APPLICANT: Richard A. Gatti
TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA
TITLE OF INVENTION: TELANGIECTASIA MUTATIONS
FILE REFERENCE: UC078.001DV1
CURRENT APPLICATION NUMBER: US/10/175,225
CURRENT FILING DATE: 2002-08-23
PRIOR APPLICATION NUMBER: US 09/360,416
PRIOR FILING DATE: 1999-07-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/18,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR PILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR APPLICATION NUMBER: US 60/185,363
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR FILING DATE: 1999-11-23
; PRIOR PRIOR DATE: 1999-11-23
; PRIOR PRIOR DATE: 1999-11-23
; PRIOR PRIOR DATE: 1999-11-23
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US-10-085-167-5/c
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Sequence 5, Application US/10085167
Publication No. US20030170781A1
GENERAL INFORMATION:
APPLICANT: Holloway, James L.
APPLICANT: Lok, Si
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Best Local Similarity
Matches 17; Conserva
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Matches
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SEQ ID NO 52655
LENGTH: 23
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 74
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ORGANISM: Human
-10-027-632-52655
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PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 24
TYPE: DNA
ORGANISM: Human
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Local Similarity 77.3%;
hes 17; Conservative
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ilarity 94.4%;
Conservative
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Pred. No. 9.6e+02;
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CURRENT APPLICATION NUMBER: US/10/085,167
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: 600/41,928
PRIOR FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5
LENGTH: 24
                                                                   APPLICANT: Eric B. Kmiec
APPLICANT: Hetal Parekh-Olmedo
TITLE OF INVENTION: Composition and methods
TITLE OF INVENTION: prevention and treatmer
FILE REFERENCE: NaPro-10
CURRENT APPLICATION NUMBER: US/10/215,432
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 23
                                                                                                                                                                                                                                                                                                                       RESULT 991
US-10-215-432-23/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-098-263B-99111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 99111, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray FILE REFERENCE: 3118.1
                                                                                                                                                                                                                                                             Sequence 23, Application US/10215432 Publication No. US20030109476A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 131066
SOPTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 99111
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%;
Best Local Similarity 94.4%;
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: SECRETED PROTEIN ZACRP4 FILE REFERENCE: 99-29
TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                       LENGTH: 25
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                                                                                                                                                                                          prevention and treatment
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Pred. No. 1
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                                                                                                                                                                                          of Huntington's
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US-10-219-195-38/c
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APPLICANT: ULLWAN, EDWIN
APPLICANT: LIU, YEN PING
TITLE OF INVENTION: ISOTHERNAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
FILE REFERENCE: 3817.05-1
FILE RE
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Publication No. US20030165917A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/09981397A Publication No. US20030082519A1
                             APPLICANT: Axxima Pharmaceuticals AG
APPLICANT: Schubart, Daniel
APPLICANT: Schubart, Daniel
APPLICANT: Habenberger, Peter
APPLICANT: Stein-Gerlach, Matthias
APPLICANT: Stein-Gerlach, Matthias
APPLICANT: Bevec, Dorian
TITLE OF INVENTION: Cellular Kinases Involved in Cytomegalovirus Infection and their
TITLE OF INVENTION: Inhibition
FILE REFERENCE: AXM-004.1 US
CURRENT APPLICATION NUMBER: US/09/981,397A
CURRENT FILING DATE: 2002-06-28
PRIOR APPLICATION NUMBER: 60/240,750
PRIOR FILING DATE: 2000-10-16
NUMBER OF SEQ ID NOS: 22
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NAME/KEY: misc_difference
LOCATION: (1)...(4)
OTHER INFORMATION: Phosphorothicate linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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LOCATION: (22)...(25)
OTHER INFORMATION: Phosphorothicate linkage
SOFTWARE: PatentIn version 3.1
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Local Similarity 94.4%;
nes 17; Conservative
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Pred. No. 1e+03;
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OTHER INFORMATION: Description of Artificial Sequence: Primer NAME/KEY: modified_base
LOCATION: (1)
OTHER INFORMATION: a, t, c or g
NAME/KEY: modified_base
LOCATION: (19)
LOCATION: (19)
COTHER INFORMATION: a, t, c or g
US-10-103-614A-4
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US-10-103-614A-4/c
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RESULT 995
                                                                                                              Query Match
Best Local Similarity 94.1
Matches 16; Conservative
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APPLICANT: SALMAN AL-MAHMOOD
APPLICANT: NALMAN METHOD FOR IDENTIFYING NOVEL GENES
TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY:
TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES
FILE REFERENCE: 1071-02
CURRENT APPLICATION NUMBER: US/10/103,614A
CURRENT FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: PCT/FR00/02607
PRIOR APPLICATION NUMBER: PG 99/11790
PRIOR PELICATION NUMBER: PG 99/11790
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                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.1
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LOCATION: (17)...(17)
OTHER INFORMATION: v =
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LOCATION: (18)..(18)
OTHER INFORMATION: n =
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TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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94.1%;
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94.1%; Pred. No. 7e+02;
tive 1; Mismatches 0;
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                                                                                                                                         Score 16.2; DB 1;
Pred. No. 7.5e+02;
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; Sequence 20, Application US/09140719
Patent No. US20010026931A1
; GENERAL INFORMATION:
APPLICANT: TSUJIMOTO, Masafumi
; APPLICANT: IWASA, FUYUKi

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            Sequence 10, Application US/09828034
Patent No. US/0020064771A1
GENERAL INFORMATION:
APPLICANT: Zhong, Weidong
APPLICANT: Hong, Zhi
APPLICANT: Hong, Zhi
APPLICANT: Ferrari, Eric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
FILE REFERENCE: IND1165
                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/474,661
FILING DATE: 07-UUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/091,028
FILING DATE: 14-UUL-1993
PRIOR APPLICATION NUMBER: UP 4-212305
FILING DATE: 17-UUL-1992
CURRENT APPLICATION NUMBER: US/09/828,034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (703) 836-20:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 22313-137.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
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APPLICANT:
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: MEGAKARYOCYTE
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-067339
FILING DATE: 04-MAR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/474,661
                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 001560-247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Alexandria
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
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                                                                                                                                                                                                                                                                                                                                                               Local
                                                                                                                                                                                                                                                                                                   694 GATGTGGCCATGAGGCACCTG 714
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                                                                                                                                                                                                                                                                                                                                                         h 0.2%; Score 16.2; DB 1; Similarity 85.7%; Pred. No. 8.6e+02;
                                                                                                                                                                                                                                                             GCTGTGGCCATGATGCACCAG 21
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P.O. Box 1404
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KURIHARA, Tatsuya
YAMAICHI, KOZO
YAMAGUCHI, NO. US20010026931A1cmi
YAMAGUCHI, NO. US20010026931A1cmi
YAMAGUCHI, NO. US20010026931A1cmi
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ISHIDA, No. US20010026931Aluhiro
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NAKAZATO, Hiroshi
                                                                                                                                                                                                                                                                                                                                        Conservative
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PRIOR PPLICATION NUMBER: U.S. 6(
PRIOR PILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-920-552-118
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US-10-091-442-20
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 118
LENGTH OF SEQ ID NO 100 NO 118
                                                                                                                                                        Secuence 20, Application US/10091442 Publication No. US20020164711A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 118, Application US/09920552
Patent No. US20020094576A1
GENERAL INFORMATION:
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Matches 18; Conserv
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: GB 9806649.1
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/115,288
PRIOR FILING DATE: 1999-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Griffiths, David J.
APPLICANT: Weiss, Robin A.
APPLICANT: Venables, Patrick
TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576Alel Retrovir
FILE REFERENCE: Abbott Labs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE: 2001-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 09/280,329
PRIOR FILING DATE: 1999-03-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                                                                                           6807 TGGGAAGGAGGTATTTTCTGG 6827
                                                                                                                                           APPLICANT: TSUJIMOTO, Masafumi
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                  MIURA, Kenju
ISHIDA, No. US20020164711A1uhiro
KURIBARA, Tatsuya
YAMAICHI, Kozo
                                                                                     IWASA, Fuyuki
TSUROUOKA, No. US
NAKAZATO, Hiroshi
YAMAGUCHI, No. US20020164711A1omi
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85.7%; Pred. No. 8.6e+02
                                                                                                          No. US20020164711A1uo
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Pred. No. 8.6e+02
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APPLICANT: BOLCHAKOVA, Elena
APPLICANT: ROZZELLE, James
ITITLE OF INVENTION: Thermus Oshimai Nucleic Acid Polymerases
ILE REFERENCE: 4777US
CURRENT APPLICATION NUMBER: US/10/303,109A
CURRENT FILING DATE: 2002-11-22
PRIOR APPLICATION NUMBER: US 60/334,798
PRIOR FILING DATE: 2001-11-30
NUMBER: US 60/334,798
PRIOR FILING DATE: 2001-11-30
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin version 3.2
SEQ ID NO 31
LENGTH: 21
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                                                                                                                                                                                                                                                                      Sequence 31, Application US/10303109A Publication No. US20030194726A1 GENERAL INFORMATION:
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Best Local (
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TYPE: DNA
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PILING DATE: 08-AUG-1998
APPLICATION NUMBER: US 08/474,661
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/091,028
FILING DATE: 14-JUL-1993
APPLICATION NUMBER: JP 4-212305
FILING DATE: 17-JUL-1992
APPLICATION NUMBER: JP 6-067339
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/10/091,442
FILING DATE: 07-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 001560-247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         694 GATGTGGCCATGAGGCACCTG 714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Burns, Doane,
STREET: P.O. Box 1404
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: McGowan, Malcolm K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ITY: Alexandria
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.2%;
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Pred. No. 8
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RESULT 1000
US-10-418-182-97/c
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                                                                                                      OTHER INFORMATION: oligonucleotide US-10-418-182-122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 97
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 97, Application US/10418182
Publication No. US2003022830ZA1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILLING DATE: 2003-04-16
                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 122
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Best Local Similarity
Matches 18; Conserv
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                                  Matches
                                                 Query Match
Best Local Similarity
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TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
CURRENT FILING DATE: 2003-04-16
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                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                            TYPE: DNA
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Local Similarity 57.1%;
es 12; Conservative
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21 AGMAGCASSGKYAGMARCASC 1
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 CTTTTTTTTTTTTTTTTT 4483
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                                    Conservative
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Pred. No. 8.6e+02;
0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 16.2; DB 1;
Pred. No. 8.6e+02;
                                                   Score 16.2; DB 1
Pred. No. 8.6e+02
                                      Mismatches
                                                                     DB 1,
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Sequence 305, Application US/10418182

Publication No. US20030228302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

FITTLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

FILE REFERENCE: 1551.2001-001

CURRENT APPLICATION UNMBER: US/10/418,182

CURRENT FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR PILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 305
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US-10-418-182-305/c
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                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR PILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER: OF SEQ ID NOS: 11796

SEQ ID NO 11535

LENGTH: 21
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Best Local Similarity
                                                                                    Matches
                                                                                                      Query Match
Best Local
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CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cohen,
APPLICANT: Blumer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                 NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification
                                                                                                                                                                                                                                                                     ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: oligonucleotide
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21 AGMAGCASSGKYAGMARCASC 1
                                     6192 GAAGAGAATGGAGAGAATTTG 6212
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GAGGAGGATGGAGAGAATGTG 21
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Chumakov, Ilya
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Pred. No. 8.6e
0; Mismatches
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Pred. No. 8.6e+02;
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RESULT 1004

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RESULT 1005
US-09-263-959-808/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-828-366-22
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LENGTH: 22
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Best Local Similarity 85.7%;
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION: APPLICANT: Hood,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Prior filing data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING NEOPLASTIC TITLE OF INVENTION: CELL GROWTH FILE REFERENCE: P1694R1C1
                TELEFAX: (206) 682-603
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-04-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/828,366
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 05-MA
                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Seattle
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                                                                                                                                                                                                                CLASSIFICATION:
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Gurney, Austin L.
Klein, Robert D.
Napier, Mary
Wood, William I.
nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6300 Columbia Center,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Seed and Berry LLP
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                                                                           682-6031
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Pred. No. 9.2e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        701
                                                                                                                                                                                                                                                                                              Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Fifth Avenue
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US-10-222-945-4
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                                                                                                                   ; TYPE: DNA
; ORGANISM: Mycoplasma hyorhinis
US-10-391-249-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/222,945
CURRENT FILING DATE: 2002-08-15
PRIOR APPLICATION NUMBER: 60/312,686
PRIOR FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FRSESEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/10222945
publication No. US20030104009A1
GENERAL INFORMATION:
APPLICANT: McGrath, Michael S.
APPLICANT: Herndier, Brian
TITLE OF INVENTION: Retrovirus Isolated From Mantle
TITLE OF INVENTION: Histiocytes In Mantle Cell Lymphoma
FILE REFERENCE: UCSF-237
                                                                                                                                                                                                                                                                                                                                                                     Sequence 31, Application US/10391249 Publication No. US20040091935A1 GENERAL INFORMATION:
                                                                                                                                                                 PRIOR FILING DATE: 2002-03-15
NUMBER OF SEQ ID NOS: 43
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 22
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Matches 18; Conserv
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                                                                  Query Match
Best Local Similarity
                                                    Matches
                                                                                                                                                                                                                                                  APPLICANT: DOXBEY, Stephen J.
TITLE OF INVENTION: NEW STRAINS OF MYCOPLASMA HYORHINIS AS
TITLE OF INVENTION: CAUSATIVE AGENT FOR SYSTEMIC SCLEROSIS
FILE REFERENCE: 07917-142001
CURRENT APPLICATION NUMBER: US/10/391,249
CURRENT FILING DATE: 2003-03-17
PRIOR APPLICATION NUMBER: US 60/364,801
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85.7%; Pred. No. 9.2e+02;
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Pred. No. 9.2e+02;
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                                                                  Score 16.2; DB 1;
Pred. No. 9.2e+02;
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APPLICANT: Freeman, Robert
TITLE OF INVENTION: Promoter Variants in the Alpha-7 Nicotinic Acetylcholine Recepto
TITLE OF INVENTION: Gene
FILE REFERENCE: VARD-07989
CURRENT APPLICATION NUMBER: US/10/723,940
CURRENT FILING DATE: 2003-11-26
FRIOR APPLICATION NUMBER: 08/956,518
FRIOR APPLICATION NUMBER: 08/956,518
SPRIOR FILING DATE: 1997-10-23
NUMBER OF SEQ ID NOS: 180
SOFTWARE: Patentin version 3.2
SEQ ID NO 43
LENGTH: 22
Type- 1
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US-09-824-468-61/c
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RESULT 1010
US-09-855-797A-48
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APPLICANT: Krieg, Arthur M.

APPLICANT: Weiner, George

TITLE OF INVENTION: Methods and Products for Stimulating

TITLE OF INVENTION: Immune System Using Immunotherapeuti

TITLE OF INVENTION: Cytokines

PILE REFERENCE: C1039/7026/HCL

CURRENT FILING DATE: 2001-04-02

PRIOR APPLICATION NUMBER: 09/286,098

PRIOR FILING DATE: 1999-04-02

PRIOR FILING DATE: 1999-04-02

PRIOR FILING DATE: 1999-04-02
                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 61
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 61, Application US/09824468 Patent No. US20020064515A1
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Best Local Similarity
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                     FEATURE:
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Local Similarity 85.7%;
1es 18; Conservation
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                                                                         GGGGAAACAGTTCGTCCATGG 2
                                                                                                                                              Conservative
                                                                                                                                                             0.2%;
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Pred. No. 9.2e+02;
0; Mismatches 3;
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                                                                                                                                                             Score 16.2; DB Pred. No. 1e+03;
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; Sequence 48,

Application US/09855797A

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APPLICANT: Hartley, James L.
APPLICANT: Brasch, Michael A.
APPLICANT: Brasch, Michael A.
APPLICANT: Femple, Gary F.
APPLICANT: Fox, Donna K.
TITLE OF INVENTION: Recombinational Cloning Us:
TITLE OF INVENTION: Recombination Sites
FILE REFERENCE: 0942.2850008
FILE REFERENCE: 0942.2850008
CURRENT APPLICATION NUMBER: US/09/855,797A
CURRENT FILING DATE: 2001-05-16
PRIOR APPLICATION NUMBER: US 60/065,930
PRIOR FILING DATE: 1997-10-24
NUMBER OF SEQ ID NO5: 60
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 48
LENGTH: 24
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Sequence 52, Application US/09800266A
Patent No. US20020156033A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Bretersen, Deanna M.
TITLE OF INVENTION: Cancer Medicament Combination Thera
TITLE OF INVENTION: Cancer Medicament Combination Thera
TITLE OF INVENTION: Cancer Medicament Combination Thera
RESULT 1012
US-09-895-007A-52/c
; Sequence 52, Application US/09895007A
; Patent No. US20020165178A1
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                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Synthetic Sequence
US-09-800-266A-52
                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 146
SOFTWARE: PRETSEQ for Windows Version 3.0
SEQ ID NO 52
LENGTH: 24
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: C1037/7017(HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/800,266A
CURRENT FILING DATE: 2001-03-05
PRIOR APPLICATION NUMBER: US 60/187,214
PRIOR FILING DATE: 2000-03-03
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                           FEATURE:
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Pred. No. 1e+03;
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Pred. No. 1e
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US-09-907-719-48

GENERAL INFORMATION:

APPLICANT: Hartley, James L. APPLICANT: Brasch, Michael A.

Sequence 48, App. Publication No.

Application US/09907719

US20020192819A1

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APPLICANT: Schetter, Christian
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
TITLE OF INVENTION: TREATMENT OF ANEMIA, THROMBOCYTOPENIA, ANI
FILE REFERENCE: C1041/7014 (AMS)
CURRENT APPLICATION NUMBER: US/09/895,007A
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: US 60/214,368
PRIOR APPLICATION NUMBER: US 60/214,368
PRIOR TILING DATE: 2000-06-28
PRIOR TILING DATE: 2000-06-38
SOFTWARE: FastSEQ for Windows Version 3.0
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RESULT 1014
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LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 48
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 48, Application US/09907900 Patent No. US20020172997A1
                                                                                                                                                         Query Match 0.2%; Score 16.2; DB:
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/907,900
CURRENT FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 09/177,387
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 60
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Brasch, Michael A.
APPLICANT: Temple, Gary F.
APPLICANT: Fox, Donna K.
TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
TITLE OF INVENTION: Recombination Sites
FILE REFERENCE: 0942.2850004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hartley, James L.
APPLICANT: Brasch, Michael A.
APPLICANT: Temple, Gary F.
                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1521 GGGGAAACAGTTCTACAATGG 1541
                                                                                           3109 AAGACTCATGCTTGACAGCTT 3129
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                                                               1 AATTCTCATGTTTGACAGCTT 21
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18; Conservative
                                                                                                                                                      Conservative
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Pred. No. 1e+03;
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Section Section

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APPLICANT: Temple, Gary F.

APPLICANT: Fox, Donna K.

ITILE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having

ITILE OF INVENTION: Recombination Sites

FILE REFERENCE: 0942.2850004

CURRENT APPLICATION NUMBER: US/09/907,719

CURRENT FILING DATE: 2001-07-19

PRIOR APPLICATION NUMBER: US/09/177,387

PRIOR FILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 60

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 48

LENGTH: 24

TYPE: NNA
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US-09-920-313-52/c
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US-09-907-719-48
                                                                                                                                                                             RESULT 1016
US-09-888-326-35/c
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                                                                                                                  Sequence 35, Application US/09888326 Publication No. US20030026801A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 52
LENGTH: 24
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Best Local Similarity
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TITLE OF INVENTION: Nucleic Acids for the Prevention
TITLE OF INVENTION: Treatment of Gastric Ulcers
FILE REFERENCE: C1037/7019 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/920,313
CURRENT FILING DATE: 2001-08-01
PRIOR APPLICATION NUMBER: US 60/222,248
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEO ID NOS: 148
               APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna N
CURRENT APPLICATION NUMBER: US/09/888,326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
ITILE OF INVENTION: Immunostimulatory Nucleic Acids for the
ITILE OF INVENTION: Treatment of Asthma and Allergy
ITILE REFERENCE: C1037/7013 (HCL/WAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FRASTSEQ for Windows Version 3.0
SEQ ID NO 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  S
                                                                                                                                                                                                                                                                                   RESULT 1018
US-09-776-479-19/c
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Sequence 19, Application US/09776479

Publication No. US20040067902A9

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Pouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT PILING DATE: 2001-02-02

CURRENT FILING DATE: 2001-02-02
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PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NÚMBER OF SEQ ID NOS: 848
SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 35
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 19, Application US/09776479 Publication No. US20030087848A1
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 y Match 0.2%; Score 16.2; DB 1; Length 24; Local Similarity 85.7%; Pred. No. 1e+03; hes 18; Conservative 0; Mismatches 3; Indels
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85.7%; Pred. No. 1e+03;
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PRIOR APPLICATION NUMBER: US 60/179,991

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FILE REFERENCE: A-69605-1
CURRENT APPLICATION NUMBER: US/09/940,185
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: US 60/227,948
PRIOR FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: US 60/228,854
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 4768
SOFTWARE: PATENTIN Version 3.1
SEQ ID NO 631
LENGTH: 24
APPLICANT: Stefan Bauer
APPLICANT: Grayson B. Lipford
APPLICANT: Hermann Wagner
TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF
TITLE OF INVENTION: CpG-BASED IMMUNO-AGONIST/ANTAGONIST
FILE REPERENCE: C1041/7016 (AWS)
CURRENT APPLICATION NUMBER: US/09/954,987B
CURRENT FILLING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: US 60/233,035
PRIOR FILLING DATE: 2000-09-15
PRIOR FILLING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: US 60/263,657
PRIOR FILLING DATE: 2001-01-23
PRIOR FILLING DATE: 2001-01-23
PRIOR FILLING DATE: 2001-01-23
PRIOR FILLING DATE: 2001-01-23
PRIOR FILLING DATE: 2001-05-17
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; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-19
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; OTHER INFORMATION: Computer Generated Probe Sequence US-09-940-185-631
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                Sequence 23, Application US/09954987B Publication No. US20030104523A1 GENERAL INFORMATION:
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LENGTH: 24
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Best Local
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NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Gunderson, Kevin APPLICANT: Chee, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Probes and Decoder Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 24
TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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les 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%; Score 16.2; DB 1; Length 24; larity 85.7%; Pred. No. 1e+03; Conservative 0; Mismatches 3; Indels
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Pred. No. 1e+03;
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RESULT 1022 US-10-373-381-48/c

Sequence 48, Application US/10373381 Publication No. US20040030118A1

GENERAL INFORMATION:
APPLICANT: Wagner, Hermann
APPLICANT: Lipford, Grayson
TITLE OF INVENTION: Methods for Regulating Hematopoiesis
TITLE OF INVENTION: Using CpG-Oligonucleotides
FILE REFERENCE: C01041.70035.US

CURRENT APPLICATION NUMBER: US/10/373,381
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 09/241,653
PRIOR FILING DATE: 1999-02-02

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APPLICANT: Brasch, Michael A.

APPLICANT: Brasch, Michael A.

APPLICANT: Temple, Gary F.

APPLICANT: Temple, Gary F.

APPLICANT: Temple, Gary F.

APPLICANT: Temple, Gary F.

APPLICANT: POX, Donna K.

TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
TITLE OF INVENTION: Recombination Sites
FILE REFERENCE: 0942.285004

CURRENT FILING DATE: 1001-11-02
PRIOR APPLICATION NUMBER: US/09/177,387

PRIOR APPLICATION NUMBER: US/09/177,387

PRIOR APPLICATION NUMBER: US/09/177,387

PRIOR FILING DATE: 1998-10-23

PRIOR FILING DATE: 1997-10-24

NUMBER OF SEQ ID NOS: 60

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 48

LENGTH: 24

TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:

COTHER INFORMATION: Description of Artificial Sequence: synthetic
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US-09-985-448-48
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 23
LENGTH: 24
                                                                                     Matches
                                                                                                         Query Match 0.2%; Score 16.2; DB Best Local Similarity 85.7%; Pred. No. 1e+03;
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                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: oligonucleotide
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                                          3109 AAGACTCATGCTTGACAGCTT 3129
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1 AATTCTCATGTTTGACAGCTT 21
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Similarity 85.7%;
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                                                                                  Conservative
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                                                                                       Mismatches
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Aller T. Action

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Sequence 19, Application US/10314578

Publication No. US20030212026A1

GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
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; OTHER INFORMATION: Synthetic oligonucleotide
US-10-373-381-48
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US-10-314-578-19/c
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Best Local S
Matches 18
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PRIOR PILING DATE: 1998-05-14
NUMBER OF SEQ ID NOS: 90
SOPTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 48
LENGTH: 24
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APPLICANT: Fox, Donna K.
TITLE OP INVENTION: Recombinational Cloning Using Nucleic Acids Having TITLE OP INVENTION: Recombination Sites
FILE REFERENCE: 0942.2850004
CURRENT APPLICATION NUMBER: US/10/680,316
CURRENT FILING DATE: 2003-10-08
PRIOR APPLICATION NUMBER: US/09/177,387A
PRIOR APPLICATION NUMBER: US/09/177,387A
PRIOR APPLICATION NUMBER: US 60/065,930
PRIOR FILING DATE: 1998-10-24
NUMBER OF SEQ ID NOS: 60
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ORGANISM: Artificial Sequence
FEATURE:
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nes 18; Conserv
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ilarity 85.7%; Pred. No. 1e+03;
Conservative 0; Mismatches
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US-10-023-909A-52/c
; Sequence 52, Application US/10023909A
; Publication No. US20020164341A1
; GENERAL INFORMATION:
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                                                                                                                                                                                               RESULT 1026
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SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 52
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PRIOR FILING DATE: 1999-09-27
PRIOR, APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 19
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Best Local Similarity
Matches 18; Conserv
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Best Local S
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APPLICANT: Schorr, Joachim
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: Use of Nucleic Acids Containing
TITLE OF INVENTION: Unmethylated CpG Dinucleotide as
FILE REFERENCE: C1039/7058/HCL
CURRENT APPLICATION NUMBER: US/10/434,696
CURRENT FILING DATE: 2003-05-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 09/325,193
PRIOR EILING DATE: 1999-06-03
PRIOR APPLICATION NUMBER: US 09/154,614
PRIOR EILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: PCT/US98/04703
PRIOR FILING DATE: 1998-03-10
APPLICANT: Schorr, Joachim
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: Use of Nucleic Acids Containing
TITLE OF INVENTION: Unmethylated CpG Dinucleotide a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/040,376 PRIOR FILING DATE: 1997-03-10
                                                                                      APPLICANT: Davis, Heather L.
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TYPE: DNA
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ch 0.2%;
ll Similarity 85.7%;
18; Conservative
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Pred. No. 1e+03;
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    as an Adjuvant
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RESULT 1028
US-10-017-995-19/c
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US-10-023-909A-52
Sequence 19, Application US/10017995
publication No. US20030055014A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION UNMERR: US/10/017,995
CURRENT FILING DATE: 2001-12-18
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Best Local Similarity
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LENGTH: 24
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Best Local
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Publication No. US20030050268A1
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APPLICANT: Berg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060(AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
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CURRENT APPLICATION NUMBER: US/10/023,909A
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 09/325,193
PRIOR FILING DATE: 1999-06-03
PRIOR APPLICATION NUMBER: US 09/154,614
PRIOR FILING DATE: 1998-09-16
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PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: US 60/040,376
PRIOR FILING DATE: 1997-03-10
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SOFTWARE: FastSEQ for Windows Version 3.0
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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APPLICANT: Schorr, Joachim
APPLICANT: Krieg, Arthur M.
ITITLE OF INVENTION: Use of Nucleic Acids Containing
ITITLE OF INVENTION: Use of Nucleic Acids
CURRENT APPLICATION NUMBER: US 09/325,193
PRIOR APPLICATION NUMBER: US 09/154,614
PRIOR APPLICATION NUMBER: US 09/154,614
PRIOR APPLICATION NUMBER: PCT/US98/04703
PRIOR APPLICATION NUMBER: PCT/US98/04703
PRIOR FILING DATE: 1998-09-16
PRIOR FILING DATE: 1998-09-16
PRIOR FILING DATE: 1998-09-16
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US-10-161-229-55/c
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US-10-300-247-52/c
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SOFTWARE: FastSEQ for Windows Version 3.0
SEC ID NO 19
LENGTH: 24
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Best Local Similarity
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                                                                                                                                                       GENERAL INFORMATION:
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Publication No. US20030100527A1
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LENGTH: 24
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APPLICANT: Krieg, Arthur M.
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules for
TITLE OF INVENTION: Activating Dendritic Cells
FILE REFERENCE: C01039/70061
CURRENT APPLICATION NUMBER: US/10/161,229
CURRENT FILING DATE: 2002-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/040,376 PRIOR FILING DATE: 1997-03-10
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SOFTWARE: FastSEQ for Windows Version 3.0
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ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 1e+03;
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APPLICANT: Kideg, Arthur M.
APPLICANT: Klimman, Dennis
APPLICANT: Klimman, Dennis
APPLICANT: Steinberg, Alfred D.
TITLE OF INVENTION: Methods for Treating and Preventing
TITLE OF INVENTION: Infectious Disease
FILE REFERENCE: C01039.70062.US
CURRENT APPLICATION NUMBER: US/10/187,264A
CURRENT FILING DATE: 2002-06-28
FRIOR APPLICATION NUMBER: US 09/630,319
PRIOR APPLICATION NUMBER: US 08/960,774
PRIOR APPLICATION NUMBER: US 08/960,774
PRIOR APPLICATION NUMBER: US 08/98,652
PRIOR FILING DATE: 1996-10-30
PRIOR APPLICATION NUMBER: US 08/386,063
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US-10-187-264A-61/c
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; TYPE: DNA
; PEANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-161-229-55
RESULT 1032
US-10-265-072-40/c
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SEQ ID NO 55
LENGTH: 24
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SEQ ID NO 61
LENGTH: 24
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Publication No. US20030162734A1
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Best Local Similarity
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PRIOR FILING DATE: 1996-10-30
PRIOR APPLICATION NUMBER: US 08/386,063
PRIOR FILING DATE: 1995-02-07
PRIOR APPLICATION NUMBER: US 08/276,358
PRIOR PILING DATE: 1994-07-15
PRIOR PILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 99
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                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                  FEATURE:
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85.7%; Pred. No. 1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 40
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
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Best Local Similarity 85.7%;
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 48
                                                                             Matches 18; Conservative
                                                                                                Best Local Similarity
                                                                                                                   Query Match
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TITLE OF INVENTION: TOLL-LIKE RECEPTOR 3 SIGNALING AGONISTS AND ANTAGONISTS
FILE REFERENCE: CO1041.70031.US
CURRENT APPLICATION NUMBER: US/10/265,072
CURRENT FILING DATE: 2002-10-05
NUMBER OF SEQ ID NOS: 117
NUMBER OF SEQ ID NOS: 117
SOPTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/300,892
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: US/09/907,719
PRIOR PILING DATE: 2001-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Recombinational Cloning TITLE OF INVENTION: Recombination Sites FILE REFERENCE: 0942.2850004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hartley, James L. APPLICANT: Brasch, Michael A. APPLICANT: Temple, Gary F. APPLICANT: Fox, Donna K.
                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US/09/177,387
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 60
                                                                                                                                                                   FEATURE: OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                        LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
                             3109 AAGACTCATGCTTGACAGCTT 3129
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    AATTCTCATGTTTGACAGCTT 21
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                                                                             Score 16.2; DB 1; Length 24; Pred. No. 1e+03; O; Mismatches 3; Indels
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Pred. No. 1e+03;
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RESULT 1034 US-10-306-522-61/c

Sequence 61, Application US/10306522
Publication No. US20030191079A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Klinman, Dennis

Steinberg, Alfred

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FILE REFERENCE: 2901/0M327

CURRENT APPLICATION NUMBER: US/10/309,775A

CURRENT FILING DATE: 2002-12-04

PRIOR APPLICATION NUMBER: CA 2,388,049

PRIOR FILING DATE: 2002-05-30

NUMBER OF SEQ ID NOS: 74

SOFTWARE: PACENTIN VERSION 3.1

SEQ ID NO 25

LENGTH: 24

TYPE: DNA
                                                                                                                  RESULT 1036
US-10-719-493-61/c
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; OTHER INFORMATION: PCR primer
US-10-309-775A-25
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CURRENT APPLICATION NUMBER: US/10/306,522
CURRENT FILING DATE: 2002.11-27
PRIOR APPLICATION NUMBER: US 09/630,319
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 08/960,774
PRIOR FILING DATE: 1997-10-30
PRIOR APPLICATION NUMBER: US 08/738,652
Sequence 61, Application US/10719493
Publication No. US20040087538A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: Methods of Treating Cancer Using
TITLE OF INVENTION: Immunostimulatory Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 25, Application US/10309775A
Publication No. US20040006032A1
GENERAL INFORMATION:
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FINGTH: 24
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Best Local Similarity
Matches 18; Conserv
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 08/386,063
PRIOR FILING DATE: 1995-02-07
PRIOR APPLICATION NUMBER: US 08/276,358
PRIOR FILING DATE: 1994-07-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: LOPEZ, RICARDO A. TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Methods for Treating and Preventing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE:
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ORGANISM: Artificial Sequence
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, OTHER INFORMATION: Synthetic Oligonucleotide US-10-719-493-61
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                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/627,331
CURRENT FILING DATE: 2003-07-25
PRIOR APPLICATION NUMBER: US 09/630,319
PRIOR APPLICATION NUMBER: US 08/960,774
PRIOR APPLICATION NUMBER: US 08/960,774
PRIOR APPLICATION NUMBER: US 08/738,652
PRIOR FILING DATE: 1997-10-30
PRIOR APPLICATION NUMBER: US 08/738,652
PRIOR APPLICATION NUMBER: US 08/738,652
PRIOR APPLICATION NUMBER: US 08/386,063
PRIOR APPLICATION NUMBER: US 08/36,063
PRIOR APPLICATION NUMBER: US 08/36,358
PRIOR APPLICATION NUMBER: US 08/276,358
PRIOR FILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 124
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CURRENT APPLICATION NUMBER: US/10/719,493
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 08/960,774
PRIOR FILING DATE: 1997-10-30
PRIOR APPLICATION NUMBER: US 08/738,652
PRIOR FILING DATE: 1996-10-30
PRIOR APPLICATION NUMBER: US 08/386,063
PRIOR APPLICATION NUMBER: US 08/386,063
PRIOR APPLICATION NUMBER: US 08/276,358
PRIOR APPLICATION NUMBER: US 08/276,358
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                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 61
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                               Matches
                                                                                                Query Match
Best Local (
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Best Local Similarity
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NUMBER OF SEQ ID NOS: 123
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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                                       1521 GGGGAAACAGTTCTACAATGG 1541
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                                                                                                  Similarity
  GGGGAAACAGTTCGTCCATGG
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No. US20040106568A1
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Pred. No. 1e+03;
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APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

TITLE OF INVENTION: Nucleic Acids for the Treatment of
TITLE OF INVENTION: Nucleic Acids for the Treatment of
TITLE OF INVENTION: Disorders Associated with Microorganisms
FILE REFERENCE: C1037.70018US00
CURRENT APPLICATION NUMBER: US/10/666,733
CURRENT FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: not yet assigned
PRIOR FILING DATE: 2003-09-19
PRIOR FILING DATE: 2003-09-19
PRIOR APPLICATION NUMBER: US 09/801,839
PRIOR APPLICATION NUMBER: US 60/187,834
PRIOR APPLICATION NUMBER: US 60/187,834
PRIOR FILING DATE: 2000-03-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic Sequence US-10-666-733-52
                                                                                                                       Query Match
Best Local S
Matches 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 52, Application US/10666733 Publication No. US20040131628A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%; Score 16.2; DB 1; Best Local Similarity. 85.7%; Pred. No. 1e+03; Matches 18; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 48
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/815,730
CURRENT FILING DATE: 2004-04-02
PRIOR APPLICATION NUMBER: US/09/177,387A
PRIOR FILING DATE: 1998-10-23
PRIOR APPLICATION NUMBER: US 60/065,930
PRIOR FILING DATE: 1997-10-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having TITLE OF INVENTION: Recombination Sites FILE REFERENCE: 0942.2850004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hartley, James L. APPLICANT: Brasch, Michael A. APPLICANT: Temple, Gary F. APPLICANT: Pox, Donna K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                        Local Similarity
                                                               3109 AAGACTCATGCTTGACAGCTT 3129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1521 GGGGAAACAGTTCTACAATGG 1541
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AATTCTCATGTTTGACAGCTT 21
                                                                                                                              Conservative
                                                                                                                          0.2%; Score 16.2; DB
85.7%; Pred. No. 1e+03;
tive 0; Mismatches
                                                                                                                                                                                   DB 1;
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US-10-820-133-48
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RESULT 1042
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                                                                                                                                    Query Match
Best Local S
Matches 21
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GENERAL INFORMATION:
                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.1
SEQ ID NO 24
LENGTH: 31
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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Publication No. US20030113723A1
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Best Local (
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TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having TITLE OF INVENTION: Recombination Sites
FILE REFERENCE: 0942.2850004
CURRENT APPLICATION NUMBER: US/10/820,133
CURRENT FILING DATE: 2004-04-08
PRIOR APPLICATION NUMBER: US/09/177,387A
PRIOR FILING DATE: 1998-10-23
PRIOR FILING DATE: 1998-10-23
PRIOR PRILING DATE: 1998-10-24
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PATENTIN Ver. 2.0
                                                                                                                                                                                                                                                                                                                                APPLICANT: Bapat, Bharati
APPLICANT: ROSE, Melanie Anne
TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMP
FILE REFERENCE: 11757.54USU1
CURRENT APPLICATION NUMBER: US/09/971,353
CURRENT FILING DATE: 2001-10-04
PRIOR APPLICATION NUMBER: US 60/237,884
PRIOR FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Hartley, James L. APPLICANT: Brasch, Michael A. APPLICANT: Temple, Gary F. APPLICANT: Fox, Donna K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                  4009 TCTAAAATGAGAAAAAAAGAGAGAAAAACAA 4037
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                                                         TTTAMARAAAAAAAAAAAAAAAAAAAAAAAA 31
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                                                                                                                                  0.2%;
nilarity 72.4%;
Conservative
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85.7%; Pred. No. 1e+03;
                                                                                                                                    Score 16.2; DB 1;
Pred. No. 1.4e+03;
0; Mismatches 8;
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                                                                                                                                        8
                                                                                                                                                                           Length 31;
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US-09-984-429-652 ; Sequence 652, Application US/09984429 ; Publication No. US20040010132A1

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RESULT 1043
US-09-739-928-2
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; ORGANISM: Homo sapiens
US-09-984-429-652
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CURRENT FILING DATE: 2001-10-30
PRIOR APPLICATION NUMBER: 60/244,591
PRIOR FILING DATE: 2000-11-01
PRIOR APPLICATION NUMBER: 09/288,143
PRIOR APPLICATION NUMBER: PCT/US98/21142
PRIOR APPLICATION NUMBER: PCT/US98/21142
PRIOR FILING DATE: 1998-10-08
PRIOR FILING DATE: 1998-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/09739928
Patent No. US20020052482A1
GENERAL INFORMATION:
APPLICANT: Kutyavin, Igor V.
Lukhtanov, Eugeny A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 652
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PRIOR APPLICATION NUMBER: 60/061,532
PRIOR FILING DATE: 1997-10-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/061,527
PRIOR FILING DATE: 1997-10-09
PRIOR APPLICATION NUMBER: 60/061,536
PRIOR FILING DATE: 1997-10-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/071,498 PRIOR FILING DATE: 1997-10-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/061,529
PRIOR FILING DATE: 1997-10-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: 53 Human Secreted Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 39
                                                          ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/739,928
FILING DATE: 11-May-2001
CLASSIFICATION: CUMCHOWN'S
PRIOR APPLICATION: CUMCHOWN'S
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity 72.4%;
hes 21; Conservative
                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Meyer Jr., Rich B.
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4008 GTCTAAAATGAGAAAAAAGAGAGAAAACA 4036
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              APPLICATION NUMBER: US 08/415,370 FILING DATE: 03-APR-1995
                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
APPLICATION NUMBER: US 09/141,764
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gamper, Howard B
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Pred. No. 1.6e+03;
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APPLICANT: WENGEL, JESPER
APPLICANT: WENGEL, JESPER
APPLICANT: NIELSEN, POUL
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
FILE REFERENCE: 49165 (71994)
CURRENT APPLICATION NUMBER: US/09/152,059
CURRENT FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/068,293
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/071,682
PRIOR FILING DATE: 1998-01-16
PRIOR APPLICATION NUMBER: 60/076,591
PRIOR APPLICATION NUMBER: 60/076,591
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
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US-09-152-059-70
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MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-739-928-2
                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 70
LENGTH: 16
TYPE: DNA
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Best Local Similarity 100.0%;
                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/088,309
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/094,355
PRIOR FILING DATE: 1998-07-28
                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 27-AUG-1998
APPLICATION NUMBER: US 09/507,345
FILING DATE: 18-FEB-2000
ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003510US
TELEPHONE: (415) 576-0300
TELEPHONE: (415) 576-0300
                                                                                                       Local
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                                        4464 TITTITTTTTTTTT 4479
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                                                                                                       Similarity
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                     Conservative
                                                                                0.2%; Score 16; DB 1; L
100.0%; Pred. No. 6.4e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 6.
1ve 0; Mismatches
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                                                                                     Gaps
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Best Local Similarity 100.0%; I
Matches 16; Conservative 0;
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Patent No. US20020150891A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                        Sequence 9, Application US/09805296D Patent No. US20020155989A1
                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                              APPLICANT:
APPLICANT:
                                                   APPLICANT: HONDORP, Kyle
TITLE OF INVENTION: OLIGONUCLECTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF
FILE REFERENCE: AM102.P.1US
CURRENT APPLICATION NUMBER: US/09/805,296D
CURRENT FILING DATE: 2001-03-13
CURRENT FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: US 60/189,190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                              APPLICANT: Active Motif APPLICANT: Efimov, Vlad
                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                         APPLICANT:
                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: MCMASTETS, DAVID D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UPPER: US/09/263,959
FILING DATE: 05-WAR-1999
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
APPLICANT: KOOP, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
FILING DATE: 2000-03-14
APPLICATION NUMBER: US 60/250,334
FILING DATE: 2000-11-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
                                                                                                                                                                          Archdeacon, Dorothy
Archdeacon, John
Chakhmakhcheau, Oksana
Buryakova, Alla
Choob, Mikhail
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Washington
                                                                                                                                                                                                                                                                           Pernandez, Joseph
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Hood, Leroy B.
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                                                                                                                                                                                                                                                                                              Vladimir
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; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin version 3.1
; SED ID NO 9
; LENGTH: 16,
TYPE: DNA
; ORGANISM: Artificial Sequence
; PATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic Construct
US-09-805-296D-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-843-676-131/c
; Sequence 131, Application |
; Patent No. US20020164786A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 1047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%; Score 16; DB Best Local Similarity 100.0%; Pred. No. 6. Matches 16; Conservative 0; Mismatches
                     INFORMATION FOR SEQ ID NO: 131:
                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/843,676
FILING DATE: 26-Apr-2001
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Andrews, William H.
TITLE OF INVENTION: NO. US20020164786A1el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4464 TITTTTTTTTTTTT 4479
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cech, Thomas R
                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                            OR APPLICATION UMBER: US/08/854,050
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
                                                                                                           NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: San Francisco
                                                                                                                                                                                               APPLICATION NUMBER: US 08/724,643 FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94111
                                          TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/09843676
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Chapman, Karen B.
Morin, Gregg B.
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ENGTH: 16 base pairs

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                                  S
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                                                                                                                                                    US-09-766-253-131
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Publication No. US20020187471A1
GENERAL INFORMATION:
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                                                                            Matches
                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                   TELEFAX: (415) 576-03
INFORMATION FOR SEQ ID NO: 131:
                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/846,017
FILING DATE: 1997-04-25
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-0CT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002920US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity 100.
nes 16; Conservative
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Harley, Calvin
Andrews, William H.
AINCENTION: NO. US20020187471Alel Telomerase
NUMBER OF SEQUENCES: 171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4464 TTTTTTTTTTTTTT 4479
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cech, Thomas R.
                                    4464 TITTTTTTTTTTTT 4479
16
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                                                                          16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/766,253
FILING DATE: 19-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: United States of America
                                                                                                                                                                                           TOPOLOGY: linear
                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                           TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/09766253
                                                                        Conservative
                                                                                                                                                                       DESCRIPTION: SEQ ID NO: 131:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
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100.0%; Pred. No. 6.4e+02;
tive 0; Mismatches 0;
                                                                        0.2%; Score 16; DB 1; Le 100.0%; Pred. No. 6.4e+02; ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                           576-0300
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                                                                                                          Length 16;
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RESULT 1049

US-09-895-585-9 ; Sequence 9, Application US/09895585 ; Publication No. US20020081725A1

RESULT 1050

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                                                                                     Matches
                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION UDATA:
APPLICATION UDATA:
US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION UMBER: US/09/438,486 FILING DATE: 12-NOV-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
APPLICANT: No. US20030009019Alel Telomerase
NUMBER OF SEQUENCES: 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
                                                                                                                                                                                                                                                                                                                                        NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002931US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)_576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
STATE: California
COUNTRY: United Stat
ZIP: 94111-3834
                                                                                                                                                                                        LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                          4464 TTTTTTTTTTTTTT 4479
16
                                                                                     16;
                                                                                     Similarity 100.0%; 1 16; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Townsend and Townsend and Crew LLP
Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           United States of America
                                                                                                         0.2%; Score 16; DB 1; L
100.0%; Pred. No. 6.4e+02;
                                                                                       Mismatches
                                                                                                                                Length 16;
                                                                                   Indels
                                                                                     0
                                                                                       Gaps
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APPLICANT: AmCyte, Inc.

APPLICANT: AmCyte, Inc.

TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,

TITLE OF INVENTION: Intermediate Stage of Development

FILE REFERENCE: 021164-000100US

CURRENT APPLICATION NUMBER: US/09/895,585

CURRENT FILING DATE: 2002-12-10

PRIOR APPLICATION NUMBER: US 60/215,634

PRIOR FILING DATE: 2000-06-30

PRIOR FILING DATE: 2000-11-06

PRIOR APPLICATION NUMBER: US 60/246,306

PRIOR APPLICATION NUMBER: US 60/291,787

PRIOR APPLICATION NUMBER: US 60/291,787

PRIOR FILING DATE: 2001-05-17

NUMBER OF SEQ ID NOS: 9

SOPTWARE: PatentIn Ver: 2.1

SEQ ID NO 9
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RESULT 1052
US-10-053-758-131/c
; Sequence 131, App
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                                                                                                                                                                                                                                                                                     , OTHER INFORMATION: designed sequence for nucleic acid purification US-10-208-357-22
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Publication No. US20020182687A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 26
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 22
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                      Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR PILING DATE: 1999-07-27
NUMBER: CEO ID NOSC: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kurz, Markus
APPLICANT: Lohse, Pete
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Tsang, Wen-Ghih
APPLICANT: Zheng, Tianli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence:oligo-(dT)-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4464 TITTITTI
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Huang, Chang Jiang
      Application US/10053758
                                                                                                                                                                                                   Conservative
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100.0%; Pred. No. 6.4e+02;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                      0.2%; Score 16; DB 1; I
100.0%; Pred. No. 6.4e+02;
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RESULT 1053
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                                                                                                                                                 Best Local Similarity Matches 16; Conserv
                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 131:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/06/854,050
PILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
PILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPUTER: OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patcentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Andrews, William H.
TITLE OF INVENTION: No. US20030032075A1el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                      4464
                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cech, Thomas R.
                                                                16 TTTTTTTTTTTTT 1
                                                                                                           TITTTTTTTTTTTT 4479
                                                                                                                                                                                                                                                                                                LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: California COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/10/053,758 FILING DATE: 18-Jan-2002
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                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                 0.2%; Score 16; DB larity 100.0%; Pred. No. 6. Conservative 0; Mismatches
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Nakamura, Toru
Chapman, Karen B.
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. 6.4e+02;
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                                                                                                                                                                                           Length 16;
                                                                                                                                                        Indels
                                                                                                                                                     0,
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US-10-054-295-131/c
; Sequence 131, Application US/10054295
; Publication No. US20030044953A1
; GENERAL INFORMATION:

0

APPLICANT: Cech, Thomas R.

Lingner, Joachim Nakamura, Toru Chapman, Karen B.

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US-10-054-611-131/c; Sequence 131, Application US/10054611; Publication No. US20030059787A1; GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                           Andrews, William H.
TITLE OF INVENTION: No. US20030059787A1el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
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FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/854,050
FILING DATE: CUnknown>
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0,

CURRENT APPLICATION DATA:
                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4464
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ADDRESSEE: Townsend and Townsend and Crew LLP
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TITLE OF INVENTION: No. US20030044953A1el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE DESCRIPTION: SEQ ID NO: 131:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cech, Thomas R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16 TITTITTTTTTTTTT 1
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CITY: San Francisco
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
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100.0%; Pred. No. 6.4e+02;
ative 0; Mismatches 0;
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APPLICANT: Efimov, Vladi
APPLICANT: Fernandez, JO
APPLICANT: Archdeacon, D
APPLICANT: Archdeacon, J
                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 9, App. Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
             APPLICANT: HONDOTP, Kyle
TITLE OF INVENTION: OLIGONUCLECTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF
EILE REFERENCE: AM102.P.1.UNS
CURRENT APPLICATION NUMBER: US/10/072,975
CURRENT FILING DATE: 2002-02-09
PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR APPLICATION NUMBER: D00-03-13
PRIOR APPLICATION NUMBER: D07-03-13
PRIOR APPLICATION NUMBER: PCT/US01/0811
PRIOR APPLICATION NUMBER: PCT/US01/0811
PRIOR APPLICATION NUMBER: PCT/US01/0811
PRIOR FILING DATE: 2001-03-13
PRIOR FILING DATE: 2001-03-13
PRIOR FILING DATE: 2001-03-13
PRIOR PILING DATE: 2001-03-13
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APPLICANT:
                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE DESCRIPTION: SEQ ID NO: 131:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 015389-002930US TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94111
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16;
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No. US20030059789A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Apple, Randolph T. REGISTRATION NUMBER: 36,429
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TELEPAX: (415) 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: United States of America
                                                                                                                                                                                                                                                                        Chakhmakhcheau, Oksana
Buryakova, Alla
Choob, Mikhail
                                                                                                                                                                                                                                                                                                                              Archdeacon, Dorothy
Archdeacon, John
                                                                                                                                                                                                                                                                                                                                                                    Fernandez, Joseph
                                                                                                                                                                                                                                                                                                                                                                                       Efimov, Vladimir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2%; Score 16; DB 1; I
.00.0%; Pred. No. 6.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   576-0300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
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1.37.4 2.

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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Construct
US-10-072-975-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Afonina, Irina Aleksandrovna
APPLICANT: Vermeulen, Nicolaas M.J.
APPLICANT: Woch Biosciences, Inc.
TITLE OF INVENTION: Hybridization-Triggered Fluorescent
TITLE OF INVENTION: Detection of Nucleic Acids
FILE REFERENCE: 17682A-004210US
CURRENT APPLICATION NUMBER: US/10/227,001
CURRENT APPLICATION NUMBER: US/10/227,001
CURRENT FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: US/9/428,236
PRIOR FILING DATE: 1999-10-26
NUMBER OF SEQ ID NOS: 24
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              APPLICANT: WENGEL, JESPER
APPLICANT: NIELSEN, POUL
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
FILE REFERENCE: 49165-C2(71994)
CURRENT APPLICATION NUMBER: US/10/008,029
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: 09/152,059
PRIOR FILING DATE: 1998-09-11
PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR APPLICATION NUMBER: 60/068,293
PRIOR FILING DATE: 1997-09-12
PRIOR FILING DATE: 1997-09-12
PRIOR FILING DATE: 1997-09-12
PRIOR FILING DATE: 1997-12-19
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Best Local Similarity 100.0%; Pred. No. 6.4e+02
Matches 16; Conservative 0; Mismatches 0
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LENGTH: 16
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Publication No. US20030134808A1
GENERAL INFORMATION:
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Best Local Similarity
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LENGTH: 16
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN OTHER INFORMATION: conjugate
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APPLICATION NUMBER: 60/071,682
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100.0%; Pred. No. 6.4
Live 0; Mismatches
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; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic Co
US-10-051-436-9
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US-10-051-436-9
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LENGTH: 16
TYPE: DNA
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PRIOR APPLICATION NUMBER: 60/076,591
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR PILING DATE: 1998-04-29
PRIOR PPLICATION NUMBER: 60/088,309
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/094,355
PRIOR APPLICATION NUMBER: 60/094,355
PRIOR FILING DATE: 1998-07-28
PRIOR PILING DATE: 1998-07-28
PRIOR PRILING DATE: 1998-07-28
PRIOR PRILING DATE: 1998-07-28
PRIOR PRILING DATE: 1998-07-28
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Best Local Similarity
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APPLICANT:
APPLICANT:
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PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 18
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TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS
FILE REFERENCE: AM102.P.1US
CURRENT APPLICATION NUMBER: US/10/051,436
CURRENT FILING DATE: 2002-01-18
                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.1
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                                          4464 TITTTTTTTTTTTTT
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Buryakova, Alla
Choob, Mikhail
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Archdeacon, John
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                                                                                                      100.0%;
                                                                                                           0.2%; Score 16; DB 1;
L00.0%; Pred. No. 6.4e+C
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                                                                                       Mismatches
                                                                                                         6.4e+02;
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RESULT 1059 US-10-208-650-70

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; ORGANISM: Artificial Sequence ; PEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic ; OTHER INFORMATION: oligonucleotide US-10-208-650-70
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CURRENT APPLICATION NUMBER: US/10/208,650
CURRENT FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US/10/008,029
PRIOR FILING DATE: 2001-11-05
PRIOR PPLICATION NUMBER: 09/152,059
PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR FILING DATE: 1997-09-12
PRIOR PILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/071,682
PRIOR APPLICATION NUMBER: 60/071,682
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                                                                                          FILE REFERENCE: 226286USOXPCT
CURRENT APPLICATION NUMBER: US/10/203,780
CURRENT FILING DATE: 2002-11-25
PRIOR APPLICATION NUMBER: PCT/FR01/00516
PRIOR FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: FR 00 02236
PRIOR FILING DATE: 2000-02-23
PRIOR FILING DATE: 2000-03-23
PRIOR FILING DATE: 2000-03-33
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
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SEQ ID NO 70
LENGTH: 16
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Matches
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SEQ ID NO 9
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                                                                                                                                                                                                                                                                                                                 APPLICANT: PELTIE, PHILIPPE
APPLICANT: FONTECAVE, MARC
APPLICANT: DECOUT, JEAN-LUC
APPLICANT: DEYMES, CECILE
TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING.
TITLE OF INVENTION: MARKER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/083,507
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/088,309
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/094,355
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NUMBER OF SEQ ID NOS: 146
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PRIOR APPLICATION NUMBER: 60/076,591
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APPLICANT: NIELSEN, POUL
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
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                         TYPE: DNA
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ORGANISM: ARTIFICIAL SEQUENCE
                                                     LENGTH: 16
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TITLE OF INVENTION: CLICONUCLEOTIDE ANALOGUES AND METHODS OF TITLE OF INVENTION: EXPRESSION FILE REFERENCE: AM102.P.1.1.1US
CURRENT APPLICATION NUMBER: US/10/360,275
CURRENT FILING DATE: 2003-02-07
PRIOR APPLICATION NUMBER: US 10/072,975
PRIOR FILING DATE: 2002-02-09
PRIOR APPLICATION NUMBER: US 09/805,296
PRIOR FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: US 00/89,190
PRIOR FILING DATE: 2000-03-14
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Sequence 9, Application US/10776099
Publication No. US20040141957A1
GENERAL INFORMATION:
APPLICANT: Fsang, Wen-Ghih
APPLICANT: Zheng, Tianli
APPLICANT: Huang, Chang Jiang
APPLICANT: Huang, Chang Jiang
APPLICANT: AmCyte, Inc.
ITILE OF INVENTION: Culturing Pancreatic Stem Cells Having
TITLE OF INVENTION: Intermediate Stage of Development
FILE REFERENCE: 02164-000100US
CURRENT APPLICATION NUMBER: US/10/776,099
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Matches
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APPLICANT: Efimov, Vladi
APPLICANT: Fernandez, Jo
APPLICANT: Archdeacon, J
APPLICANT: Archdeacon, J
APPLICANT: Choob, Mikhai
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
FEATURE:
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Fernandez, Joseph
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100.0%; Pred. No.
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100.0%; Pred. No. 6.4e+02;
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                                                                    a Specified
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligo-(dT)-16
US-10-776-099-9
                                                                                                                                                                                                                                                                                                  RESULT 1064
US-09-788-362-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hayashizaki, Yoshihide
TITLE OF INVENTION: Oligonuclectide linkers comprising a variable cohesive portion
TITLE OF INVENTION: for the preparation of polynuclectide libraries by using said
FILE REFERENCE: 2870-0247P
CURRENT APPLICATION NUMBER: US/10/398,483
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 32
SOPTWARE: Patentin Ver: 2.1
SEQ ID NO 10
LENGTH: 16
                                                                                                                                                                                                                            Sequence 3, Application US/09788362 Patent No. US20020009731A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 10, Application US/10398483
Publication No. US20040166499A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
APPLICANT: Muramatsu, Takamichi
APPLICANT: Bujita, Takeshi
APPLICANT: Sujita, Takeshi
APPLICANT: Kiyama, Masaharu
APPLICANT: Irie, Takashi
APPLICANTON: EXPRESSED GENES AND NUCLEIC ACID SAMPLE FOR RARE
TITLE OF INVENTION: NUCLEIC ACID SAMPLES THEREBY
FILE REFERENCE: NIT-129-03
CURRENT APPLICATION NUMBER: US/09/788,362
CURRENT APPLICATION UNDER: US/09/788,362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 60/246,306
PRIOR FILING DATE: 2000-11-06
PRIOR APPLICATION NUMBER: US 60/291,787
PRIOR FILING DATE: 2001-05-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 2004-02-10
FRIOR APPLICATION NUMBER: US/09/895,585
PRIOR FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/215,634
PRIOR APPLICATION NUMBER: US 60/215,634
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: Sequence used in the preparation of a full-length cDNA library
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH: 16
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Pred. No. 6.4e+02;
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                                                                         US-09-090-672B-106
                                                                                                                                                                                                   NAME: Perry, Lawrence S.
REGISTRATION NUMBER: 31865
REFERENCE/DOCKET NUMBER: 766.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 218-2100
TELEPAX: (212) 218-2200
INFORMATION FOR SEQ ID NO: 106:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 106, Application US/09090672B Patent No. US20020068707A1
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 Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                              FILING DATE: 04-JUNE-1998
CCLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP97/04468
FILING DATE: 05-DEC-1997
APPLICATION NUMBER: JP-8-325763
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/313,637
PRIOR PILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: JP 10-153651
PRIOR FILING DATE: 1998-05-20
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura, APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, APPLICANT: Shigemasa; Takei, Masami TITLE OF INVENTION: IGA Nephropathy-Related Genes
                                                                                          TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: WordPerfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/090,672B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
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                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: Compaq PC
OPERATING SYSTEM: W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                               STRANDEDNESS:
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30 Rockefeller Plaza
0.2%; Score 16; DB 1; Length 17; ilarity 100.0%; Pred. No. 7e+02; Conservative 0; Mismatches 0; Indels
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                                                                                                                  linear
                                                                                            other nucleic acid,
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100.0%; Pred. No.
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US-09-730-559B-108
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                                                                             US-09-730-559B-108
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US-09-788-338-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 108, Application No. US20 GENERAL INFORMATION
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Patent No. US20020102561A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 108
LENGTH: 17
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SHIBATA, KENJI
APPLICANT: FURUYA, AKIKO
TITLE OF INVENTION: 19A NEPHROPATHY-ASSOCIATED GENE
FILE REFERENCE: 766.21 CIP
CURRENT APPLICATION NUMBER: US/09/730,559B
CURRENT FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 121
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APPLICANT: SAKURADA, MIKIKO
APPLICANT: KAWABATA, AYAKO
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                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
                                                                                                                                                                                                                                    TYPE: DNA
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KUGA, TETSURO
SAWADA, SHIGEMASA
TAKEI, MASAMI
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KIYAMA, MASAHARU
IRIE, TAKASHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 KAWABATA, AYAKO
NAKAGAWA, SATOSHI
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    0.2%;
    Score 16;
DB 1;
Length 17;
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APPLICANT: Takahasi, Eiki
FIITE OF INVENTION: Method of Testing For Allergic Diseases
FILE REFERENCE: SHIMIZU-07907
CURRENT APPLICATION NUMBER: US/10/398,885A
CURRENT FILING DATE: 2003-08-11
PRIOR APPLICATION NUMBER: PCT/JP01/08937
PRIOR FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: JP 2000-314093
PRIOR APPLICATION NUMBER: JP 2000-314093
PRIOR FILING DATE: 2000-10-13
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
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; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-380-254-5
                                           US-10-398-885A-4
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CURRENT FILING DATE: 2003-03-11
PRIOR APPLICATION NUMBER: PCT/JP01/08246
PRIOR FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: JP 2000-291318
PRIOR FILING DATE: 2000-09-25
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Sugita, Yuji
APPLICANT: Hashida, Ryoichi
APPLICANT: Ogawa, Kaoru
APPLICANT: Nagasu, Takeshi
APPLICANT: Obayashi, Masaya
APPLICANT: Saito, Hirohisa
APPLICANT: Takahasi, Eiki
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Best Local Similarity luv.
16; Conservative
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GENERAL INFORMATION:

APPLICANT: Sugita et al.

TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
FILE REFERENCE: 6235-64773
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LENGTH: 17
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Publication No. US20040038252A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Query Match
                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                             TYPE: DNA
                                                               OTHER INFORMATION: Synthetic
                                                                                                                                                 LENGTH: 17
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100.0%; Pred. No. 7e-
lve 0; Mismatches
  0.2%; Score 16;
    DB 1;
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  Length 17;
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PRIOR APPLICATION NUMBER: 60/083,331
PRIOR PILING DATE: 1998-04-27
PRIOR PILING DATE: 1998-09-27
PRIOR PILING DATE: 1998-08-27
PRIOR APPLICATION NUMBER: 60/118,624
PRIOR APPLICATION NUMBER: 60/118,624
PRIOR PILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 64
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SOPTWARE: Patentin version 3.2
SEQ ID NO 20
LENGTH: 17
TYPE: DNA
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Publication No. US20030224382A1
GENERAL INFORMATION:
APPLICANT: McClelland, Michael
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Best Local Similarity
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                                                                                                                                                                                                                                                                    APPLICANT: Welsh, John
APPLICANT: Trenkle, Thomas
APPLICANT: Trenkle, Thomas
TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
TITLE OF INVENTION: Using Same
FILE REFERENCE: P-PH 3457
CURRENT APPLICATION NUMBER: US/10/291,808
CURRENT APPLICATION NUMBER: US/09/300,958
PRIOR APPLICATION NUMBER: US/09/300,958
PRIOR PILING DATE: 1999-04-27
PRIOR PILING DATE: 1999-04-27
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APPLICANT: Obayashi, Masaya
APPLICANT: Obayashi, Masaya
APPLICANT: Saito, Hirohisa
TITLE OF INVENTION: Method of Testing for Allergic Diseases
FILE REFERENCE: SHAYIZU-07906
CURRENT EPLICATION NUMBER: US/10/398,877
CURRENT FILING DATE: 2003-04-11
PRIOR APPLICATION NUMBER: PCT/JP01/08574
PRIOR APPLICATION NUMBER: PCT/JP01/08574
PRIOR PILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: JP 2000-314093
PRIOR FILING DATE: 2000-10-13
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APPLICANT: Hashida, Ryo
APPLICANT: Ogawa, Kaor
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ORGANISM: Artificial Sequence
                                            ENGTH:
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Ogawa, Kaoru
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100.0%; Pred. No. 7e-
tive 0; Mismatches
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7e+02;
hes 0; Indels
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CURRENT APPLICATION NUMBER: US/10/352,253A
CURRENT FILING DATE: 2003-01-28
PRIOR APPLICATION NUMBER: US 60/352,215
PRIOR FILING DATE: 2002-01-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 17
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 24
LENGTH: 17
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Publication No.
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APPLICANT: Linnarsson, Sten
APPLICANT: Ernfors, Patrik
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APPLICANT:
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APPLICANT: Ernfors, Patrik
APPLICANT: Bauren, Goran
TITLE OF INVENTION: Methods for analysis and identification of transcribed
TITLE OF INVENTION: Genes, and fingerprinting
FILE REFERENCE: smwfp5941752
CURRENT APPLICATION NUMBER: US/10/333,461
CURRENT FILLING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: GB 0018016.6 PRIOR FILING DATE: 2000-07-21 PRIOR APPLICATION NUMBER: US 60/219,925 PRIOR FILING DATE: 2000-07-21 NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                        APPLICANT: Montelius, Andreas
TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
FILE REFERENCE: 620-234
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Double-stranded product DNA
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Pihlak, Arno
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100.0%; Pred. No. 7e
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Query Match
Best Local Similarity
Matches 16; Conserve
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US-10-220-373-9
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Publication No. US20030180743A1
GENERAL INFORMATION:
APPLICANT: NAGASU, Takeshi
APPLICANT: OSHIDA, Tadahiro
APPLICANT: OBAYASHI, Izumi
APPLICANT: MATSUI, Keiko
APPLICANT: MATSUI, Keiko
APPLICANT: SAITO, Hirohisa
TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
FILE REFERENCE: SHZ-010US
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                                                                               SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
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                                                                                                                  APPLICANT: LINNARSON, Sten
APPLICANT: ERNFORS, Patrik
TITLE OF INVENTION: Methods and Means for Identification of Gene Features
FILE REFERENCE: 620-235
CURRENT APPLICATION NUMBER: US/10/352,255A
CURRENT FILING DATE: 2003-01-28
PRIOR APPLICATION NUMBER: US 60/352,245
PRIOR PILING DATE: 2002-01-29
NUMBER OF SEQ ID NOS: 25
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CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: JP 2000-61832
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Patentin Ver. 2.0
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             ORGANISM: Artificial Sequence
                                         TYPE: DNA
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FEATURE:
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                                                           LENGTH: 17
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100.0%; Pred. No.
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7e+02;
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CURRENT APPLICATION NUMBER: US/10/380,255
CURRENT FILING DATE: 2003-03-11
PRIOR APPLICATION NUMBER: PCT/JP01/08247
PRIOR FILING DATE: 2001-09-21
PRIOR APPLICATION NUMBER: JP 2000-293021
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Marches 16; Conserva
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US-10-138-674-1072
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                                                                               ; ORGANISM: Homo sapiens
US-10-138-674-1072
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US-10-380-255-8
                                                                               APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaine
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/136,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 1072
LENGTH: 17
TYPE: RNA
TYPE: RNA
TYPE: RNA
TYPE: RNA
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Query Match 0.2%;
Best Local Similarity 12.5%;
Matches 2; Conservative 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1072, Application US/10138674 Publication No. US20040077565A1
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Best Local &
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TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 6235-64935
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Stinchcomb, Dan
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    ; Score 16; DB 1;
; Pred. No. 7e+02;
14; Mismatches
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; Pred. No. 7e+
0; Mismatches
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7e+02;
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APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: Patentin version 3.0

SEQ ID NO 1075
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US-10-287-949A-1072
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RESULT 1080
US-10-287-949A-1075
; Sequence 1075, Application US/10287949A
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CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 1072
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
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                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
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nes 0; Conservative
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RESULT 1082 US-10-735-592-55

; Sequence 55,

Application US/10735592

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APPLICANT: Oshida, Tadahiro
APPLICANT: Imai, Yukiho
ITITLE OF INVENTION: Method of Testing For Allergic Disease
FILE REFERENCE: SHIMIZU-07379
CURRENT APPLICATION NUMBER: US/10/239,734
CURRENT APPLICATION NUMBER: PCT/JP01/11286
PRIOR APPLICATION NUMBER: PCT/JP01/11286
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 2000-389476 JP
PRIOR APPLICATION NUMBER: 2000-389476 JP
PRIOR FILING DATE: 2000-12-21
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
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TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-1075
                                                                                                                                                                         ; LENGTH: 17
; LENGTH: 17
; TYPE: DNA
; ORANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: "GT15G", an artificially synthesized primer sequence
US-10-239-734-5
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CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: Pavco, Pam
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
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Best Local Similarity
Matches 16; Conserv
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Publication No. US20040161746A1
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APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF NATIONAL CENTER
APPLICANT: CHILD HEALTH AND DEVELOPMENT
APPLICANT: Matsumoto, Yoshiko
APPLICANT: Tsujimoto, Gozoh
APPLICANT: Nagasu, Takeshi
APPLICANT: Sugita, Yuji
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les 0; Conservative
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Tsujimoto, Gozoh
Nagasu, Takeshi
Sugita, Yuji
Oshida, Tadahiro
  TITTTTTTTTTTTT 17
                                                                                 0.2%; Score 16; DB 1; ilarity 100.0%; Pred. No. 7e+02; Conservative 0; Mismatches
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0.0%; Pred. No. 7e+02;
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RESULT 1084
US-10-349-143-4670/c
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; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-994-311-7
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                Sequence 4670, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
LENGTH: 18
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APPLICANT: Joerg, Vollmer
TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods
FILE REFERENCE: C1037.70038US01
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.2
SEQ ID NO 55
LENGTH: 17
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Best Local
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Best Local
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CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
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APPLICANT: Feng, Li
APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence
TITLE OF AGL 100
TO 109/1994,311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kaufman, Joseph C. APPLICANT: Roth, Matthew E. APPLICANT: Lizardi, Paul M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
CURRENT APPLICATION NUMBER: US/10/349,143
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OTHER INFORMATION: Synthetic oligonucleotide
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ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10cal Similarity 93.8%; hes 15; Conservative
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Similarity 100.0%; Pred. No. 7.5e+02;
16; Conservative 0; Mismarchco
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Pred. No. 7e+02;
                                   in constructing a high density..
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; ORGANISM: Homo Sapiens
; PEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-16929 for SEQ 736, US-10-349-143-4670
                                                                                                                                                                                                                                                                               RESULT 1086
US-10-275-080A-5
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PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR PRILING DATE: 1999-10-20
PRIOR PRILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4670
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.1
SEQ ID NO 50
LENGTH: 19
TYPE: DNA
ORGANISM: Oryza minuta
                                                                                                                                                                                                      Sequence 5, Application US/10275080A Publication No. US20040053214A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 50, Application US/10352179
Publication No. US20040006788A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.2%; Score 16; Best Local Similarity 100.0%; Pred. No.
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Procedures and Materials for Conferring Disease Resistance in FILE REFERENCE: 22727/04108
CURRENT APPLICATION NUMBER: US/10/352,179
CURRENT FILING DATE: 2003-01-27
PRIOR APPLICATION NUMBER: 60/352,106
PRIOR APPLICATION NUMBER: 60/352,106
PRIOR FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 97
CURRENT APPLICATION NUMBER: US/10/275,080A
CURRENT FILING DATE: 2002-11-01
PRIOR APPLICATION NUMBER: PCT/EP01/04918
PRIOR FILING DATE: 2001-05-02
                                                                                       APPLICANT: Schroder, Klaus Hobe
APPLICANT: Schubler, Andrea
APPLICANT: Schubler, Andrea
APPLICANT: Kolke, Katsuro
TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
FILE REFERENCE: 013627-033
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wang, Guo-liang APPLICANT: Liu, Guifu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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100.0%; Pred. No. 8.1e+02;
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7.5e+02;
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Sequence 6, Application US/10275080A

Publication No. US20040053214A1

GENERAL INFORMATION:

APPLICANT: Schroder, Klaus Hobe
APPLICANT: Schroder, Klaus Hobe
APPLICANT: Schroder, Klaus Hobe
APPLICANT: Koike, Katsuro
ITITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
FILE REFERENCE: 012627-033

CURRENT APPLICATION NUMBER: US/10/275,080A

CURRENT FILING DATE: 2002-11-01

PRIOR APPLICATION NUMBER: PCT/EP01/04918

PRIOR APPLICATION NUMBER: EP 00 109 436.6

PRIOR APPLICATION NUMBER: EP 00 109 436.6

PRIOR PILING DATE: 2000-05-03

NUMBER OF SEG ID NOS: 9

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 6
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US-10-289-762-4311
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Best Local S
Matches 16
                                                                                             Sequence 4311, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chiamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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LENGTH: 20
                                      NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4311
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: primer
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ORGANISM: Chlamydia pneumoniae
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Local Similarity 100.0%; Pred. No. 8.7e+02;
hes 16; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 8.7e+02;
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Sequence 2086, Application US/10688706

Publication No. US20040102412A1

GENERAL INFORMATION:
APPLICANT: Broschat, Kay
ITITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

INUMBER OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 2086

LENGTH: 20

TYPE: DNA

CONTINUE OF SEQ ID NOS: 3071

SEQ ID NO 2086
                                                                                                                                                                                                                                             APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION

FILE REFERENCE: 01393/1

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 06/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 2110

LENGTH: 20

TYPE: DNA

TYPE: DNA
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                                                                                                                                                               ; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2110
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                                                                              Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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                                         6976 TAAAAACAAAACAGAA 6991
                                                                                16; Conservative
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                                                                                                    0.2%; Score 16; DB 1; Length 20; 100.0%; Pred. No. 8.7e+02;
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                                                                                     Mismatches
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APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

APPLICANT: Broschat, Kay

IIILE REPERENCE: 01393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT APPLICATION NUMBER: 003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 2467

LENGTH: 20
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APPLICANT: Broschat, Kay

TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION

FILE REFERENCE: 0.1393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER: OP SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 2269

LENGTH: 20
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US-10-332-406A-9
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Sequence 9, Application US/10332406A
Publication No. US20040103453A1
GENERAL INFORMATION:
APPLICANT: Robert Dudler
APPLICANT: Ulrich schaffrath
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                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: human GFAT antisense
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                                                                                                                                                                                                                                                                           Conservative
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100.0%; Pred. No. 8.7e+02;
                                                                                                                                                                                                                                                                           0;
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; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: oligonucleotide US-10-332-406A-9
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US-09-784-423-92/c
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SEQ ID NO 9
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.2%; Score 16; Best Local Similarity 100.0%; Pred. No. Matches 16; Conservative 0; Mismatc
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TITLE OF INVENTION: Lipoxygenase Genes, Promoters, Transit Peptides and Proteins Ther
FILE REFERENCE: 31484USPCT
CURRENT APPLICATION NUMBER: US/10/332,406A
CURRENT FILING DATE: 2003-66-19
PRIOR APPLICATION NUMBER: GB 0017275.9
PRIOR PILING DATE: 2000-07-13
PRIOR FILING DATE: 2000-07-13
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 22
                                                                                                             TELEPHONE: (608) 257-351
TELEPAX: (608) 257-2275
INFORMATION FOR SEQ ID NO: 92
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: 08/018 584
                                                                                                                                                                                                       APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998
ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Schumm, James W.
Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR
LOENTLEYING AND ANALYZING INTERMEDIATE TANDEM
REPEAT DNA MARKERS
NUMBER OF SEQUENCES: 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Promega Corporation
STREET: 2800 Woods Hollow Road
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SEQUENCE DESCRIPTION: SEQ ID NO: 92
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                      TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
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                                                                                            LENGTH: 24
                                                                                                                                                                                          257-3501
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9.3e+02;
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                  Query Match
Best Local Similarity
""- hes 19; Conserve
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                                                                                                        US-09-999-672-6
                                                                                                                                                                                                                                           GENERAL INFORMATION:

APPLICANT: Eric H. HUCLMES et al.

APPLICANT: Eric H. NUCLMES et al.

TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE
TITLE OF INVENTION: GMI-SPECIFIC ALPHA1-2 FUCOSYLTRANSFERASE AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 8511-029
CURRENT APPLICATION NUMBER: US/09/999,672
CURRENT FILING DATE: 1090-04-26
PRIOR APPLICATION NUMBER: US/09/298,886
PRIOR FILING DATE: 1999-04-26
NUMBER OF SEQ ID NOS: 29
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Patent No. US20020064771A1
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Best Local
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Best Local
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SEQ ID NO 12
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SEQ ID NO 6
LENGTH: 24
TYPE: DNA
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Patent No. US20020127655A1
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CURRENT APPLICATION NUMBER: US/09/828,034
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: U.S. 60/195,852
PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hong, Zhi
APPLICANT: Perrari, Eric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Zhong, Weidong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                                          FEATURE:
                                                                                                                                                        ORGANISM: Artificial Sequence
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 643 GCCCTGGTCAGCGGCCAGATCCCT 666
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                                    Conservative
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                                  0.2%; Score 16; DB 1;
79.2%; Pred. No. 1.1e+03;
tive 0; Mismatches 5
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Pred. No. 1.1e+03;
0; Mismatches
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Pred. No. 1.1e+03;
0; Mismatches 5
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RESULT 1097
US-09-981-151A-104/c
; Sequence 104, Application US/09981151A
; Publication No. US20030212256A1
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                                                                                                                                                US-09-981-151A-104
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PRIOR FILLING DATS: 2000-10-17
PRIOR PELLOATION NUMBER: 60/241,058
PRIOR PILLING DATS: 2000-10-17
PRIOR APPLICATION NUMBER: 60/241,063
PRIOR FILLING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/241,243
PRIOR APPLICATION NUMBER: 60/241,243
PRIOR PILLING DATE: 2000-10-17
PRIOR PILLING DATE: 2000-10-17
                                                                                                                                                SEQ ID NO 104

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NOV9
                                                                     Query Match
Best Local Similarity
Matches 19; Conserv
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CURRENT APPLICATION NUMBER: US/09/981,151A
CURRENT FILING DATE: 2001-10-16
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                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2000-10-24
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                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/242,612
FILING DATE: 2000-10-23
APPLICATION NUMBER: 60/242,880
FILING DATE: 2000-10-24
APPLICATION NUMBER: 60/242,881
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FILING DATE: 2000-10-20
APPLICATION NUMBER: 60/242,482
                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2000-10-23
APPLICATION NUMBER: 60/242,611
FILING DATE: 2000-10-23
                                    1879 CAGACTCTGTCCAACCTCTGCCTC 1902
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Peyman, John A
Stone, David J
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Shimkets, Richard A
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Smithson, Glennda
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Spytek, Kimberly A
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Taupier Jr, Raymond i
Burgess, Catherine E
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                                                                                        0.2%; Score 16; DB 1; 79.2%; Pred. No. 1.1e+03;
                                                                         0; Mismatches
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                                                                                                              Length 24
                                                                           Indels
                                                                                                                                                                     Primer
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FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR PILING DATE: 1999-03-25
PRIOR PILING DATE: 1999-03-25
PRIOR PILING DATE: 2000-03-24
PRIOR PILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR PILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 8511-029
CURRENT APPLICATION NUMBER: US/10/040,863
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: 09/298,886
PRIOR FILING DATE: 1999-04-23
PRIOR FILING DATE: 1999-04-23
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 6
LENGTH: 24
RESULT 1100
US-10-205-522-82/c
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US-10-085-906-382
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                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens
US-10-085-906-382
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APPLICANT: ETIC H. Holmes et al.
APPLICANT: ETICH: Holmes et al.
TITLE OF INVENTION: UUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE
TITLE OF INVENTION: GM1-SPECIFIC ALPHA1-2 FUCOSYLTRANSFERASE AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                        Query Match 0.2%;
Best Local Similarity 79.2%;
Matches 19; Conservative
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Matches 19; Conserv
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Publication No. US20020137165A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN
TITLE OF INVENTION: COSTIMULATORY RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ying, Vin APPLICANT: Wu, Paul APPLICANT: Gray, Ga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                             TYPE: DNA
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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US-10-084-839-3553/c

Sequence 3553, Application US/10084839 Publication No. US20030186238A1 GENERAL INFORMATION:

APPLICANT: Third Wave Technologies APPLICANT: Allawi, Hatim

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; SEQ ID NO 82
; LENGTH: 24
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-82
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RESULT 1102
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                                                                                                                                                                                                                                                                             APPLICANT: SAWYER, MICHAEL
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OPTIMIZING UGT2B7 SUBSTRATE DOSINGS
TITLE OF INVENTION: PREDICTING UGT2B7 SUBSTRATE TOXICITY
FILE REFERENCE: ARCD:358US
CURRENT PELLICATION NUMBER: US/10/057,834A
CURRENT FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: UNKNOWN
PRIOR FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 78
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 41
LENGTH: 24
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publication No. US20030099960A1
GENERAL INFORMATION:
APPLICANT: RATAIN, MARK J.
APPLICANT: INNOCENTI, FEDERICO
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Publication No. US20030077629A1
GENERAL INFORMATION:
APPLICANT: Penny, Laura
                                                                                                                                         Query Match 0.3
Best Local Similarity 79.3
Matches 19; Conservative
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Best Local Similarity
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APPLICANT: Miller, Andrew
APPLICANT: Reidy, Michael
TITLE OF INVENTION: Genotyping Human
TITLE OF INVENTION: UDP-Glucuronogyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: 2B15 (UGT2B15) Genes
FILE REFERENCE: SEG-22PRV2
CURRENT APPLICATION NUMBER: US/10/205,522
CURRENT FILING DATE: 1090-07-24
PRIOR APPLICATION UNMBER: US/09/356,806
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEG ID NOS: 164
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ORGANISM: Homo sapiens
                                                                                      4456 GCATGGACTTTTTTTTTTTTTTT 4479
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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Argue, Brad T. Bartholomay, Christian T.

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                                                                                                                       ; OTHER INFORMATION: PCR primer US-10-309-775A-23
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APPLICANT: LOPEZ, Ricardo A.
APPLICANT: LOPEZ, RICARDO A.
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/0M327
CURRENT APPLICATION NUMBER: US/10/309,775A
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: CA 2,388,049
PRIOR PPLICATION UNMBER: CA 2,388,049
PRIOR FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 3553
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                                                                     Query Match
Best Local (
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APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
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                                                                                                                                                                                             TYPE: DNA
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Local Similarity 79.2%;
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Skrzypczynski, Zbigniew
Takova, Tsetska Y.
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Kaiser, Michael
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son-Munoz, Marilyn C.
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                                                   Score 16; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Sequence 24, Application US/10309775A

Publication No. US20040006032A1

GENERAL INFORMATION:
APPLICANT: LOPEZ, Ricardo A.

TITLE OF INVENTION: INMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 2901/04327

CURRENT APPLICATION NUMBER: US/10/309,775A

CURRENT FILING DATE: 2002-12-04

PRIOR APPLICATION WIMBER: CA 2,388,049

PRIOR FILING DATE: 2002-05-30

NUMBER OF SEQ ID NOS: 74

SOPTWARE: Patentin version 3.1

SEQ ID NO 24

LENGTH: 24
                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/FR02/00772
PRIOR FILING DATE: 2002-03-04
PRIOR PILING DATE: 2002-03-04
PRIOR PILING DATE: 2001-03-19
PRIOR PILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 160
SOFTMARE: Patentin Ver. 2.1
SEQ ID NO 30
LENGTH: 24
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                                                                                                                                                  ; TYPE: DNA; ORGANISM: Artificial sequence; FEATURE: ; FEATURE: ; OTHER INFORMATION: Artificial sequence description: mutant 18 US-10-665-460A-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 1105
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Best Local Similarity
Matches 19; Conserv
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TITLE OF INVENTION: Pepsin-sensitive modified Bacillus thuringiensis insecticidal
TITLE OF INVENTION: toxin
FILE REFERENCE: A35992-PCT-USA-A (072667.0191)
CURRENT APPLICATION NUMBER: US/10/665,460A
CURRENT FILING DATE: 2003-09-19
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APPLICANT: Rang, Cecile
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ORGANISM: Artificial Sequence
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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RESULT 1106 US-09-883-119A-34

Sequence 34, Application US/09883119A

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; NAME/KBY: misc_feature
; LOCATION: (1). (1)
; OTHER INFORMATION: n = epiendrosterone
US-10-447-073-3
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                                                                                  Sequence 5276, Application US/10349143 Publication No. US20040005584A1 GENERAL INFORMATION:
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APPLICANT: Garimella, Viswanadham
APPLICANT: Bernal, Yasmith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1
SEQ ID NO 34
LENGTH: 28
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                                                                                                                                                                                                                                                                                                                           Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches 18;
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                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/447,073
CURRENT FILING DATE: 2003-05-28
PRIOR APPLICATION NUMBER: US 60/383,564
PRIOR FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: The University of Texas System Board of Regents TITLE OF INVENTION: Regulatable, Catalytically Active Nucleic Acids FILE REFERECE: 119927-1050
CURRENT APPLICATION NUMBER: US/09/883,119A
CURRENT FILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: 60/212,097
PRIOR FILING DATE: 2000-06-15
                        APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, I APPLICANT: Chumakov, II:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bernal, Yasmith
TITLE OF INVENTION: Method for Attachment of Silylated Molecules to Glass Surfaces
FILE REFERENCE: 02-334-A
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
OTHER INFORMATION: Probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH: 32
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                                                                                                                                                                                                                                                     4020 AAAAAAGAGAGAAAACAAAAATGTT 4043
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19; Conserv
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75.0%;
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Pred. No. 1.3e+03;
                                                                                                                                                                                                                                                                                                       Score 16; DB 1; Le
Pred. No. 1.5e+03;
0; Mismatches 5;
                                                                                                                                                                                                                                                                                                                                              Length 32;
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CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT ETLING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILLING DATE: 1999-10-20

PRIOR FILLING DATE: 1999-10-20

PRIOR FILLING DATE: EARLIER FILLING DATE: 1999-04-21

PRIOR PRIOR PRICTION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR FILLING DATE: EARLIER FILLING DATE: 1998-11-23

PRIOR FILLING DATE: EARLIER FILLING DATE: 1998-11-23

PRIOR PRIOR PRICTON NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR FILLING DATE: EARLIER FILLING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 5276
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CURRENT FILING DATE: 2003-09-18
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR PILING DATE: 2003-02-20
PRIOR PILING DATE: 2003-02-20
PRIOR PILING DATE: 2002-07-29
PRIOR PILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR PILING DATE: 2002-11-27
PRIOR FILING DATE: 2002-11-27
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                                                                         Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 122, Applic
Publication No. US20
GENERAL INFORMATION
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Recept TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/131 (MBHB02-742-F)
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                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR PILING DATE: 2002-05-29
PRIOR PILING DATE: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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TYPE: DNA
ORGANISM: Homo Sapiens
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
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Beigelman, Leonid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/10665951
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Pred. No. 8.7e+02;
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                                                                                                                                                                       See File Wrapper or
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APPLICANT: BOYGEMENT, DECLEMENT APPLICANT: PAYOL, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/393,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR APPLICATION NUMBER: US 60/359,580
PRIOR APPLICATION NUMBER: US 60/359,580
PRIOR APPLICATION NUMBER: US 60/350,782
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/366,782
PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/366,782
RESULT 1111
US-09-969-852-11
j Sequence 11, Application US/09969852
patent No. US20020137211A1
j GENERAL INFORMATION:
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; OTHER INFORMATION: Description of Artificial Sequence:
US-10-665-951-122
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                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense US-10-665-951-549
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                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                   Matches
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APPLICANT: Beigelman, Leonid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 2455
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
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                                                                                                                                                                                    19 GGGGAAGAAATCCTCCAGA 1
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Pred. No. 8.7e+02;
1; Mismatches 2;
                                                                                                                                                                                                                                                                                                        Score 15.8; DB 1; Length 19; Pred. No. 8.7e+02;
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TITLE OF INVENTION: A METHOD FOR ESTABLISHING AN TITLE OF INVENTION: GENE IN BOMBYX MORI FILE REFERENCE: LIU-65
CURRENT APPLICATION UNMBER: US/09/969,852
CURRENT FILING DATE: 2001-10-04
PRIOR REPLICATION NUMBER: CN01106406.4
PRIOR FILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3:1
RESULT 1113
US-09-774-809-14
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                                                                                                                                                                                                                       OTHER INFORMATION: No. US20020146718Alel Sequence US-09-955-410-5
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                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 1996-07-24
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Bybolm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 5, Application US/09955410 Patent No. US20020146718A1
                                                                                                                                              Query Match
Best Local Similarity
Matches 17; Conserv
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PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 09/686,114
                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: ISIS4800
CURRENT APPLICATION NUMBER: US/09/955,410
CURRENT FILING DATE: 2001-09-18
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APPLICANT: Liu, Huifen
APPLICANT: Li, Wei
APPLICANT: Zhao, Libin
                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                             FEATURE:
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                                                                                                 4463 CTTTTTTTTTTTTTTT 4481
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ch 0.2%;
cl Similarity 89.5%;
17; Conservative
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Pred. No. 9.4e+02;
0; Mismatches 2
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                                                                                                                                                                 Score 15.8;
Pred. No. 9.
                                                                                                                                                   Mismatches
                                                                                                                                                                     .4e+02
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US-09-//- 14, Appiltum; Sequence 14, Appiltum; Publication No. US200300041zum; GENERAL INFORMATION: APPLICANT: McKay, Robert A. APPLICANT: Dean, Nicholas M.

Application US/09774809 No. US20030004120A1

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FILE REFERENCE: ISPH-0412
CURRENT APPLICATION NUMBER: US/09/774,809
CURRENT FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 09/396,902
PRIOR FILING DATE: 1999-09-15
PRIOR PRIOR PRICATION NUMBER: 09/130,616
PRIOR APPLICATION NUMBER: 09/130,616
PRIOR FILING DATE: 1998-08-07
PRIOR APPLICATION NUMBER: 08/910,629
PRIOR APPLICATION NUMBER: 08/910,629
PRIOR FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 14
LENGTH: 20
RESULT 1115
US-09-888-326-410
; Sequence 410, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
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US-09-904-968A-108
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Matches 17; Conserv
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 108
LENGTH: 20
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: PHAKDEEKITCHAROEN, Bunyong
TITLE OF INVENTION. DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE
FILE REFERENCE: JHU1680-2
CURRENT APPLICATION NUMBER: US/09/904,968A
CURRENT FILING DATE: 2001-07-13
FRIOR APPLICATION NUMBER: US 60/283,691
PRIOR PILING DATE: 2001-07-13
PRIOR PILING DATE: 2000-07-13
PRIOR FILING DATE: 2000-07-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE APPLICANT: GERMINO, Gregory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic Sequence
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WATNICK, Terry
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ilarity 89.5%;
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Pred. No. 9.4e+02;
0; Mismatches 2;
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Pred. No. 9.4e+02;
0; Mismatches 2;
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US-09-776-479-243

Sequence 243, Application US/09776479 Publication No. US20040067902A9 GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna M. APPLICANT: Fouron, Yves

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GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Immunostimulatory Place of the TITLE OF INVENTION: Treatment of Asthma and Allergy FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION ST. 1093

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 243

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
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RESULT 1117
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 410
LENGTH: 20
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Best Local Similarity
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Best Local S
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APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
PRIOR FILING DATE: 2000-06-22
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LOCATION: (0)...(0)
OTHER INFORMATION: phosphodiester backbone
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                                                                                                                                                                                                                                                          FEATURE:
                                                                                64 GGCTGCGGGGGGGGGGGGG 82
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                                                         1 GGCGGCGGCGGCGGCG 19
                                                                                                                                                           Similarity
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Pred. No. 9.4e+02;
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                                                                                                             RESULT 1119
US-10-345-4448-14
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Best Local Similarity 89.5
77 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 84

SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 57, Application US/09965101 Publication No. US20040186067A1
                                                        Sequence 14, Application US/10345444B Publication No. US20040029823A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR EILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR PILING DATE: 1997-05-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Vectors and Methods for Immunization or INTLE OF INVENTION: Therapeutic Protocols FILE REFERENCE: C1039/7057 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/965,101
CURRENT FILING DATE: 2001-09-26
CURRENT FILING DATE: 2001-09-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Davis, Heather L. APPLICANT: Krieg, Arthur M. APPLICANT: Schorr, Joachim
APPLICANT: McKay, Robert A. APPLICANT: Dean, Nicholas M. APPLICANT: Monia, Brett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH: 20
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
0; Mismatches 2;
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RESULT 1121
US-10-312-184A-21
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US-10-380-126-39/c
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                                                                                                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-10-380-126-39
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PRIOR PILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: US 09/396,902
PRIOR PILING DATE: 1999-09-15
PRIOR PILING DATE: 1999-09-15
PRIOR PILING DATE: 1999-04-07
PRIOR PILING DATE: 1999-04-07
PRIOR APPLICATION NUMBER: US 09/130,616
PRIOR PILING DATE: 1998-08-07
PRIOR APPLICATION NUMBER: US 08/910,629
PRIOR PILING DATE: 1998-08-07
PRIOR APPLICATION NUMBER: US 08/910,629
PRIOR PILING DATE: 1997-08-03
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SEQ ID NO 14
LENGTH: 20
                                                                                                                                                                                                                                                                                   SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 39, Application US/10380126
Publication No. US20040029824A1
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Best Local Similarity
                                                                                                                                                                  Matches
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
FILE REFERENCE: RTSP-0175
CURRENT APPLICATION NUMBER: US/10/380,126
CURRENT FILING DATE: 2003-03-10
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CURRENT APPLICATION NUMBER: US/10/345,444B
CURRENT FILING DATE: 2003-01-15
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TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: OF JNK PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/657,042
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Isis Pharmaceuticals, Inc
APPLICANT: C. Frank Bennett
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ORGANISM: Artificial Sequence
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                                                                                                                       7414 AGCAGCAGCAGCAGCA 7432
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                                                                                     AGCAGCAGCTCCAGCAGCA 2
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                                                                                                                                                                Score 15.8; DB 1; pred. No. 9.4e+02; 0; Mismatches 2;
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Pred. No. 9.4e+02;
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Sequence 21, Application US/10312184A Publication No. US20040038236A1 GENERAL INFORMATION:

APPLICANT: Bionomics Limited

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GENERAL INFORMATION:

APPLICANT: Schubler, Andrea

APPLICANT: Schubler, Andrea

APPLICANT: Koike, Katsuro

TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages

FILE REFERENCE: 018627-033

CURRENT APPLICATION NUMBER: US/10/275,080A

CURRENT FILING DATE: 2002-11-01

PRIOR APPLICATION NUMBER: PCT/EP01/04918

PRIOR RILING DATE: 2001-05-02

PRIOR APPLICATION NUMBER: EP 00 109 436.6

PRIOR APPLICATION NUMBER: EP 00 109 436.6

PRIOR APPLICATION NUMBER: EP 00 109 436.6

PRIOR APPLICATION DATE: 2001-05-03

NUMBER OF SEQ ID NOS: 9

SOPTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 7

LENGTH: 20
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US-10-683-386-35/c
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; ORGANISM: Homo sapiens
US-10-312-184A-21
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SEQ ID NO 21
LENGTH: 20
                                                                  Sequence 35, Application US/10683386
Publication No. US20040063137A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 17; Conserv
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/312,184A
CURRENT FILING DATE: 2002-12-20
                 APPLICANT:
                                                     APPLICANT:
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TITLE OF INVENTION: MUTATION ASSOCIATED WITH EPILEPSY
                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 89.5%;
1es 17; Conservarium
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             KANAGAWA, TAKAHIRO
KAMAGATA, YOICHI
YAMADA, KAZUTAKA
YOKOMAKU, TOYOKAZU
KOYAMA, OSAMU
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Harkin, Louise A
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Mulley, John C
FURUSHO,
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Pred. No. 9.4e+02;
0; Mismatches 2;
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Pred. No. 9.4e+02;
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                                                                                                                                                                                                                                                                                                                                                               DB 1;
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; Sequence 243, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR APPLICATION NUMBER: US 60/227,436
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; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-35
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US-10-105-021-3
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US-10-314-578-243
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CURRENT FILING DATE: 2002-03-22
NUMBER OF SEQ ID NOS: 21
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Zea may8
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GENERAL INFORMATION:

APPLICANT: Sdwestdeutsche Saatzucht Dr. H.R. Spth
TITLE OF INVENTION: Plants with a modified flower
FILE REFERENCE: 23087
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Publication No. US20030018995A1
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LENGTH: 20
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Best Local Similarity 89.5%;
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CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR PILING DATE: 1999-04-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: ARTIFICIAL SEQUENCE
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Pred. No. 9.4e+02;
0; Mismatches 2
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Pred. No. 9.4e+02;
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US-10-112-653-235
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PRIOR FILING DATE: 1999-01-15
PRIOR APPLICATION NUMBER: 08/507,032
PRIOR FILING DATE: 1995-07-31
PRIOR PRILING DATE: 1995-07-31
PRIOR APPLICATION NUMBER: 08/228,944
PRIOR FILING DATE: 1994-04-18
PRIOR FILING DATE: 1994-04-18
PRIOR FILING DATE: 1991-08-22
PRIOR APPLICATION NUMBER: 08/260,174
PRIOR FILING DATE: 1991-08-22
PRIOR APPLICATION NUMBER: 08/260,174
PRIOR FILING DATE: 1994-06-13
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Sequence 235, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 243
                                                                                                                                                                                                                                                                                                     Query Match
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PRIOR FILING DATE: 1993-09-20
NUMBER OF SEQ ID NOS: 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: APV-008.04
CURRENT APPLICATION NUMBER: US/10/040,430
CURRENT FILING DATE: 2002-01-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Flanagan, William M.
TITLE OF INVENTION: NF-AT POLYPEPTIDES AND POLYNUCLEOTIDES AND
TITLE OF INVENTION: METHODS FOR IMMUNOSUPPRESSIVE AGENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Crabtree, Gerald R. APPLICANT: No. US20030049641A APPLICANT: Ho, Steffan M.
                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Unknown Organism: putative NF-AT OTHER INFORMATION: binding site
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les 17; Conserv
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Pred. No. 9.4e+02;
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                                                                                                                                                                                                                                                                                                     Length 20;
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US-10-017-995-243
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                                                                                                                                                                                                                                                                                           RESULT 1129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic Sequence US-10-017-995-243
                                                                                                                                                              Sequence 35, Application No. US2016
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: KURANE, R)
APPLICANT: KANAGAWA,
                                                                                                                                                                                                                                                                   US-10-209-608-35/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES FILE REFERENCE: C01039/70060 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR PILING DATE: 2001-03-29
NUMBER OF ERQ ID NOS: 1040
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 243, Appublication No.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING
TITLE OF INVENTION: THE METHOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
                                                                                                                                               APPLICANT:
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SOPTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Synthetic Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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Local Similarity 89.5%;
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KAMAGATA, YOICHI
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p. US20030055014A1
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Pred. No. 9.4e+02;
0; Mismatches 2
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Pred. No. 9.4e+02;
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Sequence 5, Application US/10154890
Publication No. US20030180734A1
GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
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Best Local Similarity
"---hes 17; Conserve
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US-10-154-890-5/c
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US-10-083-246A-121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 1909-04-20
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
NUMBER OF SEQ ID NOS: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 121, Application US/10083246A
Publication No. US20030152936A1
GENERAL INFORMATION:
APPLICANT: Athena Diagnostics
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE
TITLE OF INVENTION: DISEASE
FILE REFERENCE: 1133/2002
CURRENT APPLICATION NUMBER: US/10/083,246A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 168
SOFTWARE: Patentin version 3.1
SEQ ID NO 121
LENGTH: 20
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SEQ ID NO 35
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/154,890 CURRENT FILING DATE: 2002-05-23 PRIOR APPLICATION NUMBER: US/08/108,591
                                                              TITLE OF INVENTION: Peptide Nucleic Acids FILE REFERENCE: ISISO540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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Local Similarity 89.5%;
les 17; Conservation
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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Sequence 4081, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Bo, Jiang
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION UNMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4081
; LENGTH: 20
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US-10-168-989-35/c
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US-10-032-585-4081/c
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                                                                           ; ORGANISM: Homo sapiens US-10-168-989-35
                                                                                                              NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                    Sequence 35, Application US/10168989
Publication No. US2003019631A1
GENERAL INFORMATION:
APPLICANT: Chartier-Harlin et al.
TITLE OF INVENTION: Albheimer's disease
FILE REFERENCE: P07666US00/BAS
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SOFTWARE: PatentIn version 3.1
SEU ID NO 5
LENGTH: 20
Query Match 0.2%; Score 15.8; DB 1; Best Local Similarity 89.5%; Pred. No. 9.4e+02; Matches 17; Conservative 0; Mismatches 2
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Best Local Similarity 89.5%;
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Best Local Similarity 89.5%;
                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/168,989
CURRENT FILING DATE: 2002-06-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-168-989-36
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US-10-148-835-86/c
US-10-148-835-86/c
; Sequence 86, Application US/10148835
; Publication No. US20030207380A1
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US-10-399-214-99/c
                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Designed
; OTHER INFORMATION: oligonucleotide primer for PCR
US-10-148-835-86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-168-989-36
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APPLICANT: SAITO et al.
APPLICANT: SAITO et al.
TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
FILE REFERENCE: 21.85-0648P
CURRENT APPLICATION NUMBER: US/10/148,835
CURRENT FILING DATE: 2002-10-11
NUMBER OF SEQ ID NOS: 213
SOFTMARE: Patentin Ver. 2.0
                                                                                      Sequence 99, Application US/10399214 Publication No. US20040023914A1 GENERAL INFORMATION:
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Publication No. US20030190631A1

GENERAL INFORMATION:

APPLICANT: Chartier-Harlin et al.

TITLE OF INVENTION: Implication of a known gene named CP2/LSF-LBP-1 in

TITLE OF INVENTION: Albeimer's disease

FILE REFERENCE: P07666US00/BAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%;
Best Local Similarity 89.5%;
Matches 17; Conservative
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                          APPLICANT: Isis Pharmaceuticals, Inc
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
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CURRENT FILING DATE: 2002-06-26
NUMBER OF SEQ ID NOS: 47
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                                                                                                                                                                                                                                                                                                                                               Local Similarity
CANT: Andrew T. Watt
OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION
                                                                                                                                                                                                                                                                               7415 GCAGCAGCAGCAGCAG 7433
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Pred. No. 9.
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US-10-274-387-13
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; LENGTH: 20
; TYPE: DNA
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PRIOR APPLICATION NUMBER: 09/690,364
PRIOR FILING DATE: 2000-10-16
NUMBER OF SEQ ID NOS: 100
SEQ ID NO 99
LENGTH: 20
                                                                  NUMBER OF SEQ ID NOS: 89
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                  Sequence 13, Application US/10274387
Publication No. US20040077085A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODUL
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Best Local :
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CURRENT APPLICATION NUMBER: US/10/274,311
CURRENT FILING DATE: 2002-10-17
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APPLICANT: Aparna Sarthy
APPLICANT: Thomas McGonigal
TITLE OF INVENTION: ANTISENSE MODULATION OF CDC14A EXPRESSION
                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/274,387
CURRENT FILING DATE: 2002-10-17
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                                                                                                                                                                        FILE REFERENCE: RTS-0172
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   FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
0; Mismatches 2;
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Query Match

0.2%;

Score 15.8;

DB 1;

Length 20;

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# Sequence 2233, Application US/10688706
# Publication No. US20040102412A1
# GENERAL INFORMATION:
# APPLICANT: Pharmacia Corp.
# APPLICANT: Broschat, Kay
# TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
# FILE REFERENCE: 01393/1
# CURRENT APPLICATION NUMBER: US/10/688,706
# CURRENT APPLICATION NUMBER: 06/419,268
# PRIOR APPLICATION SATE: 2003-10-17
# PRIOR APPLICATION OMBER: 60/419,268
# PRIOR FILING DATE: 2002-10-17
# NUMBER OF SEQ ID NOS: 3071
# SOFTWARE: PatentIn version 3.2
# SEQ ID NO 2293
# LENGTH: 20
RESULT 1141
US-10-316-243-94/c
; Sequence 94, Application US/10316243
; Publication No. US20040110147A1
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US-10-303-165-60/c
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SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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TITLE OF INVENTION: WODULATION OF NOTCH2 EXPRESSION
FILE REFERENCE: RTS-0387
CURRENT APPLICATION NUMBER: US/10/303,165
CURRENT FILLING DATE: 2002-11-22
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                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                        ORGANISM: artificial
                                                                                                                                                                                                                                                                                                             TYPE: DNA
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Local Similarity 89.5%;
ss 17; Conservation
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                                                                                                                                                                                       Score 15.8; DB 1;
Pred. No. 9.4e+02;
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0; Mismatches 2
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Pred. No. 9.4e+02;
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CURRENT APPLICATION NUMBER: US/10/316,243
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-755-19
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                                                                            FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 19
LENGTH: 20
                                                                                                                                                                                 Sequence 19, Application US/10316755
publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
TITLE OF INFORMATION: MODULATION OF MATRIX METALLOPROTEINASE 11
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Best Local Similarity
Matches 17; Conserv
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CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 165
LENGTH: 20
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APPLICANT: Ravi Jain
TITLE OF INVENTION: WODULATION OF BAF53 EXPRESSION
FILE REFERENCE: RTS-0462
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: H. sapiens
                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 9.4e+02;
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                                                                                                                      PRIOR FILING DATE: 2002-10;
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn version
SEQ ID NO 24
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
CORGANISM: SUB SCTOFA
US-10-679-064-24
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                                             Query Match
Best Local Similarity 89.5
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SEQ ID NO 174
LENGTH:
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Best Local Similarity
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Best Local Similarity
Matches 17; Conserv
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CURRENT FILING DATE: 2003-10-03
PRIOR APPLICATION NUMBER: US 60/416,211
                                                                                                                                                                                                                                                                                              APPLICANT: Bastiaansen, John
APPLICANT: Wilson, Eldon
APPLICANT: Wilson, Alan
APPLICANT: Mileham, Alan
APPLICANT: Deeb, Nader
TITLE OF INVENTION: GENETIC MARKERS ASSOCIATED WITH SCROTAL HERNIAS IN
FILE REFERENCE: P05787US01
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Yu, Tun-Ping
APPLICANT: Hopkins, Nick
APPLICANT: Sasaki, Shoji
APPLICANT: Wang, Lizhen
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APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
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TYPE: DNA
ORGANISM: H. sapiens
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Bastiaansen, John
Wilson, Eldon
Mileham, Alan
Deeb, Nader
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CCCCCACCCATCACTCCAT 19
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o. US20040110152A1
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89.5%; Pred. No. 9.4e+02
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Pred. No. 9.
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Pred. No. 9.4e+02
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RESULT 1146
US-09-946-374-105/c
; Sequence 105, Appl:
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CURRENT APPLICATION NUMBER: US/09/946,374
CURRENT FILING DATE: 2001-09-04
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR APPLICATION NUMBER: 60/099602
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PRIOR FILING DATE: 1998-09-01
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                  APPLICATION NUMBER: 60/099815 FILING DATE: 1998-09-10 APPLICATION NUMBER: 60/099816
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FILING DATE: 1998-09-10
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Gao, Wei-Qiang
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Desnoyers, Luc
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Hillan, Kenneth J.
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Grimaldi, Christopher J.
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OR APPLICATION NUMBER: 60/100711
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OR FILING DATE: 1998-09-18
OR APPLICATION NUMBER: 60/100849
OR FILING DATE: 1998-09-18
OR APPLICATION NUMBER: 60/100919
OR FILING DATE: 1998-09-17
OR APPLICATION NUMBER: 60/100919
OR FILING DATE: 1998-09-17
OR APPLICATION NUMBER: 60/101014
OR FILING DATE: 1998-09-18
OR APPLICATION NUMBER: 60/101068
OR FILING DATE: 1998-09-18
OR APPLICATION NUMBER: 60/101071
OR APPLICATION NUMBER: 60/101471
DR FILING DATE: 1998-09-23
DR APPLICATION NUMBER: 60/10
DR FILING DATE: 1998-09-24
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R APPLICATION NUMBER: 6
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APPLICATION NUMBER: 60/100684
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APPLICATION NUMBER: 60/100710
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OR FILING DATE: 1998-10-08
OR APPLICATION NUMBER: 60/104257
OR FILING DATE: 1998-10-08
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OR FILING DATE: 1998-10-14
OR APPLICATION NUMBER: 60/105000
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OR APPLICATION NUMBER: 60/102487
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RESULT 1147
US-10-015-395A-105/c
(Sequence 105, Application US/10015395A
Publication No. US20040073015A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.

Baker, Kevin P. Botstein, David

NUMBER: 60/099536

1998-09-09

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LENGTH: 21
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OTHER INFORMATION: Synthetic oligonucleotide probe-
-10-015-395A-105
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CURRENT APPLICATION NUMBER: US/10/006,485A
CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C57
CURRENT APPLICATION NUMBER: US/10/015,395A
CURRENT FILING DATE: 2001-12-12
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NUMBER OF SEQ ID NOS: 477
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                                                       OR APPLICATION NUMBER: 60/098749
OR FILING DATE: 1998-09-01
OR APPLICATION NUMBER: 60/098750
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FILING DATE: 1998-09-01
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Gao, Wei-Qiang
Goddard, Audrey
Goddwski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth J.
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Grimaldi, Christopher
Gurney, Austin L.
Hillan, Kenneth J.
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Botstein, David
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Eaton, Dan 1.
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PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
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APPLICATION NUMBER: 60/099792
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FILING DATE: 1998-09-23
APPLICATION NUMBER: 60/101472
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APPLICATION NUMBER: 60/100848
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APPLICATION NUMBER: 60/099763
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DR APPLICATION NUMBER: 60/102571
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DR APPLICATION NUMBER: 60/102684
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FILING DATE: 1998-09-23
APPLICATION NUMBER: 60/101476
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APPLICATION NUMBER: 60/103679
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APPLICATION NUMBER: 60/102207
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FILING DATE: 1998-09-24
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FILING DATE: 1998-10-14
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APPLICATION NUMBER: 60/103258
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APPLICATION NUMBER: 60/102687
FILING DATE: 1998-10-01
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APPLICATION NUMBER: 60/101915
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FILING DATE: 1998-09-23
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APPLICATION NUMBER: 60/105000 FILING DATE: 1998-10-20
                                     FILING DATE: 1998-10-20
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                                                       APPLICATION NUMBER:
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TITLE OF INVENTION: Secreted and Transmembrar
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C34
CURRENT APPLICATION NUMBER: US/10/013,907A
CURRENT FILING DATE: 2001-12-10
Prior Application removed - See File Wrapper
NUMBER OF SEQ ID NOS: 477
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US-10-013-907A-105/c
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Best Local S
Matches 17
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LENGTH: 21
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Best Local
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                                                                                                                                                                                TYPE: DNA
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RAPPLICATION NUMBER: 60/105104

DR FILING DATE: 1998-10-21

DR APPLICATION NUMBER: 60/105169

DR FILING DATE: 1998-10-22

DR APPLICATION NUMBER: 60/105266

DR APPLICATION NUMBER: 60/105269

DR APPLICATION NUMBER: 60/105693

DR FILING DATE: 1998-10-26

DR PILING DATE: 1999-10-26

DR FILING DATE: 1999-10-26
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APPLICATION NUMBER: 60/106023
FILING DATE: 1998-10-28
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FILLING DATE: 1998-10-26
APPLICATION NUMBER: 60/105807
FILLING DATE: 1998-10-27
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17; Conserv
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Gao, Wei-Qiany
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J
CAGGAGCAACAGCAGCAGC
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Hillan, Kenneth J.
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Botstein, David
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                                                                         Score 15.8; DB Pred. No. 1e+03;
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LENGTH: 21
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C42
CURRENT APPLICATION NUMBER: US/10/015,499A
CURRENT FILING DATE: 2001-12-11
Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 477
                                                                                                                                                                                                           APPLICANT:
APPLICANT:
APPLICANT:
                                            PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/226,254A
CURRENT FILING DATE: 2002-08-21
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           APPLICATION NUMBER: 60/098749
FILING DATE: 1998-09-01
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Gao, Wei-Qiang
Goddard, Audrey
Goddowski, Paul J.
f: Grimaldi, Christopher J.
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Botstein, David
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Hillan, Kenneth J.
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Grimaldi, Christopher J.
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Eaton, Dan 1.
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60/098750
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Pred. No. 16
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US-10-006-856A-105/c
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SEQ ID NO 105
LENGTH: 21
                                      Matches
                                                     Query Match
Best Local Similarity
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Matches 17; Conserva
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                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 477
                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/006,856A
CURRENT FILING DATE: 2002-05-10
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PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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PRIOR FILING DATE: 1998-09-09
                                                                                                                       OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                               TYPE: DNA
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APPLICATION NUMBER: 60/098821
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APPLICATION NUMBER: 60/098803
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
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Hillan, Kenneth J.
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Desnoyers, Luc
Eaton, Dan 1.
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                                    Conservative
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                                                     Score 15.8; DB 1;
Pred. No. 1e+03;
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                                      Mismatches
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830PLC4
CURRENT APPLICATION NUMBER: US/10/006,818A
CURRENT FILING DATE: 2001-12-06
Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 477
SEQ ID NO 105
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 105
LENGTH: 21
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Publication No.
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                                                                TITLE OF INVENTION: Secreted and Transmembrane TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C46
CURRENT APPLICATION NUMBER: US/10/015,393A
CURRENT FILING DATE: 2002-06-10
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Gao, Wei-Qiang
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Grimaldi, Christopher J
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Botstein, David
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Gao, Wei-Qiang
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Hillan, Kenneth J.
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 105
LENGTH: 21
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APPLICANT: Baker, K
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Publication No. US20030073810A1
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ORGANISM: Artificial Sequence
FEATURE:
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Gao, Wei-Qiang
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Godowski, Paul J.
Grimaldi, Christopher J.
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Grimaldi, Christopher J.
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